

# BHIMASHANKAR

SAHAKARI SAKHAR KARKHANA LTD.



# भीमाशंकर

सहकारी साखर कारखाना लि.

(Regd.No: P.N.A. / A.G.N. / P.R.G.(A) S-47 / 1994 Dt.31-3-1994) GSTIN : 27AAAAB0949G1ZZ

Dattatraynagar, Pargaon Via Awasari (BK), Tal. Ambegaon, Dist.Pune. 412 406

Tel.Fax:(02133) 284270, 9975568130, 8888846990 E-mail: bsskltd@gmail.com, Web site: www.bhimashankarssk.com, www.bsskl.sets.co.in

BSSK/Mfg/3329/2025-26

Date: -29/12/2025

By Mail

To,

The Deputy Director General of Forests (Central)  
West Central Zone,  
Regional Office,  
Near Secretariat building,  
VCA Ground, Civil lines, Nagpur-440001.

E mail I.D.- [eccompliance-mh@gov.in](mailto:eccompliance-mh@gov.in).

Sub- Submission of Six Monthly EC Compliance Report.1<sup>st</sup> July 2025 to 31<sup>st</sup> Dec 2025) File No. SIA/MH/IND2/74065/2020  
(E.C. Identification No.EC22B022MH11015) Dt.07/09/2022

Dear Sir,

We are submitting herewith six monthly compliance report of Environmental Clearance for for 45 to 95 KLPD Distillery. (From 1<sup>st</sup> July 2025 to 31<sup>st</sup> Dec 2025) for your reference.

Thanking you.

Yours Faithfully,

(C.G. Dhage)  
Managing Director.

Encl-Six Monthly EC Compliance report

- Copy to-
- 1) Cental Pollution Control Board,  
Parivesh Bhavan, East, Arjun Nagar,  
Shahadra, Delhi-110032
  - 2) Environment Department,  
15 th floor, New Administrative Building,  
Madam Kama Road, Mantralaya,  
Mumbai – 400032
  - 3) The Regional Officer,  
Maharashtra Pollution Control Board,  
3<sup>rd</sup> Floor, “Jog Center ”Building,  
Wakadewadi, Pune. 411003.
  - 4) The Sub- Regional Officer II,  
Maharashtra Pollution Control Board,  
2<sup>nd</sup> floor, “Jog Center” Building,  
Wakadewadi, Pune 411 003.



## Annexure

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**Monitoring the Implementation of Environmental Safeguards**  
**Ministry of Environment, Forest & Climate Change**  
**Regional Office (Nagpur),**  
**Monitoring Report**

**Part-I**  
**DATA SHEET**

**Basic information:**

1.	Project Type: River-valley / Mining / Industry / Thermal / Nuclear / Other (Specify)	Expansion -Distillery (95 KLPD Distillery)
2.	Schedule and category of the Project as per EIA, 2006	Schedule: 5 (g) Distillery Category : B1
3.	Category of the project as per CPCB Guidelines (Red, Orange, Green)	Red Category
4.	Name of the project and project proponent	Mr. Chandrakant Gangadhar Dhage (Managing Director) Expansion of Existing Distillery from 45 to 95 KLPD of M/s. Bhimashankar Sahakari Sakhar Karkhana Limited. Address: Village Dattatraynagar, A/P Pargaon Via Awasari Bk., Tal. Ambegaon, Dist. Pune.
5.	Clearance Letter (s) / OM No. and date (Chronological Order)	Environment Clearance (EC) Environment Department, Government of Maharashtra for Expansion of Existing Distillery from 45 to 95 KLPD vide SEIAA-EC No-EC22B022MH110015 dated September 07, 2022.
6.	Location  a. District (s) b. State (s) c. Latitude d. Longitude	Pune Maharashtra 18°58'32.68"N 74° 5'27.20"E
7.	Address for correspondence a. Address of concerned Project Chief Engineer (with Pin Code & Telephone/ Telex/ Fax Numbers and Email id): & b. Address of Executive Project Engineer / Manager (with pin code/fax numbers and Email id)	Mr. Chandrakant Gangadhar Dhage Factory Address: Village Dattatraynagar, A/P Pargaon Via Awasari Bk., Tal. Ambegaon, Dist. Pune. Pin code: 411046 Email id: bsskltd@gmail.com
8.	a. Salient features of the Project	M/s Bhimashankar Sahakari Sakhar Karkhana Ltd (BSSKL) has received the following clearances: Environmental Clearance (EC) Issued by SEIAA, Maharashtra (SEIAA-EC No-EC22B022MH110015) on 7 September 2022, approving its Expansion of Existing Distillery from 45 to 95 KLPD (Copy included as <b>Annexure 1.</b> ) (Page No.01 to 24) Consent to Operate (CTO) Granted by the Maharashtra Pollution Control Board (MPCB) via letter Format1.0/CAC(UAN No: MPCB-CONSENT-0000180207/CO/2312002279), dated 24 December 2023, permitting operations for 95 KLPD Distillery, valid until

		31 <sup>st</sup> August 2026. (Copy included as <b>Annexure 2</b> ). (Page No. 25 to 34)																								
	b. Environmental Management Plan	<p>Waste water:</p> <ul style="list-style-type: none"> <li>•Condensate is treated in CPU of capacity 900 CMD and treated water is used for cooling tower make up, gardening. Raw spent wash is concentrated in MEE and concentrated spent wash is used in 22 TPH slop fired boiler as fuel.</li> <li>•Domestic effluent generate from sugar unit is 4 m3/day, the same treated in septic system followed by a soak pit.</li> </ul> <p>Air pollution: Distillery plant comprises 22 TPH incineration boiler with a 60-meter stack with ESP.</p> <p>Solid waste:</p> <p>Bagasse Ash: 22 TPD (Used as manure)  Incineration Boiler Ash: 12 TPD (Used as manure)  Coal Ash : -  Yeast Sludge: 65 TPD (Used as manure)  CPU sludge: 40 TPD (Used as manure)</p>																								
9.	Break-up of the Project area: a. Submergence Area: Forest & Non-Forest b. Others	Non-Forest Area																								
10.	a. Total Plot Area b. Built – Up Area (Including Road) c. Open Space available d. Green belt area	<p><b>Total plot area: 58 Ha.</b></p> <table border="1"> <thead> <tr> <th>SN</th><th>Description</th><th>Area Ha.</th></tr> </thead> <tbody> <tr> <td>1.</td><td>Existing sugar area</td><td>8.7</td></tr> <tr> <td>2.</td><td>Distillery area</td><td>2.1</td></tr> <tr> <td>3.</td><td>Existing Greenbelt (33%)</td><td>19.1</td></tr> <tr> <td>4.</td><td>Parking</td><td>8.7</td></tr> <tr> <td>5.</td><td>Internal Road</td><td>3.5</td></tr> <tr> <td>6.</td><td>Open Area</td><td>15.9</td></tr> <tr> <td colspan="2"><b>Total Available Land</b></td><td><b>58</b></td></tr> </tbody> </table>	SN	Description	Area Ha.	1.	Existing sugar area	8.7	2.	Distillery area	2.1	3.	Existing Greenbelt (33%)	19.1	4.	Parking	8.7	5.	Internal Road	3.5	6.	Open Area	15.9	<b>Total Available Land</b>		<b>58</b>
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11.	<p>Financial Details</p> <p>a. Project costs as originally planned &amp; subsequent revised estimates and the year of price reference.</p> <p>b. Allocations made for Environmental Management Plan with item wise &amp; year wise breakup.</p> <p>c. Actual expenditure incurred on the Project so far</p> <p>d. Actual expenditure incurred on the Environmental Management Plan so far</p>	<p>Capital Cost of the Project: <b>Rs. 99.29 Crores/- (Distillery Unit)</b></p> <p>Funds have already been expended under the Environmental Management Plan, with separate allocations in place for implementing environmental protection measures/EMP initiatives.</p> <p><b>Budgetary allocations for environment management (Distillery Unit)</b></p> <table><tr><th>Sr. No</th><th>Particular</th><th>Recurring cost (Rs. in Lakhs )</th><th>Capital Cost (Rs. in lakhs)</th></tr><tr><td>1.</td><td>Air pollution control equipment</td><td>18.42</td><td>150</td></tr><tr><td>2.</td><td>CPU &amp; Modular STP</td><td>6.85</td><td>160</td></tr><tr><td>3.</td><td>Environmental monitoring system</td><td>2.30</td><td>-</td></tr><tr><td>4</td><td>Occupational Health</td><td>9</td><td>5</td></tr><tr><td>4.</td><td>Green Belt Development</td><td>15</td><td>30</td></tr><tr><td>5.</td><td>Solid Waste Management</td><td>5</td><td>-</td></tr><tr><td>6.</td><td>Rain water harvesting</td><td>3</td><td>35</td></tr><tr><td></td><td><b>Total</b></td><td><b>50.57</b></td><td><b>380</b></td></tr></table>	Sr. No	Particular	Recurring cost (Rs. in Lakhs )	Capital Cost (Rs. in lakhs)	1.	Air pollution control equipment	18.42	150	2.	CPU & Modular STP	6.85	160	3.	Environmental monitoring system	2.30	-	4	Occupational Health	9	5	4.	Green Belt Development	15	30	5.	Solid Waste Management	5	-	6.	Rain water harvesting	3	35		<b>Total</b>	<b>50.57</b>	<b>380</b>
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12.	<p>Forest land requirement:</p> <p>The status of approval for diversion of Forestland for non-forestry use</p>	<p>NA Not Applicable</p> <p>Forest land is not utilized for the project</p>																																				
13.	<p>Whether project located in Critically Polluted Area/Severely Polluted</p>	<p>No</p>																																				

14.	Status of construction: a. Date of commencement (Actual and/or planned) b. Date of completion (Actual and/or planned)	a. 01/07/2023 b. 15/03/2024		
15.	Production details as per EC & CTO	Production details	As per EC dated 07.09.2022	As per Consent dated 05.09.2023-(Sugar & Co-Gen.)24.12.2023-(Distillery)
		Sugar (TCD)	6000	6000
		Cogen (MW)	19	29
		Distillery ENA/RS/AA/Et hanol(KLD)	95	95
16.	Reasons for the delay if the project is yet to start	The project commissioned and started its operation		
17.	KML file of the project	PP has submitted KML file.		
18.	Status of Public Hearing Commitments	The public hearing was held at the industry site on 15 July 2021, and all commitments made during this session have since been fully fulfilled.		
19.	Status of R&R	Not applicable As there were no human settlements on site, no Resettlement & Rehabilitation measures were required.		
20.	Dates of site visits: a. The dates on which the Project was monitored by Regional Office on previous occasions, if any b. Date of site visit for this monitoring Report	Dr. P.R. .Sakahre (Scientist-E) MoEF Regional Office-Nagpur, visited on dt. 25/06/2025 and satisfactory report is issued.		
21.	Purpose of present Site visit:  a. Suo moto / Random Inspection of projects by RO/SRO b. CCR for expansion project's EC under EIA Notification 2006 c. Verification Report (VR) of Action Taken Report (ATR) or SCN response submitted by the PP d. Complaint received against the project e. Reference forwarded by the Ministry which inter-alia may include PMO, VIP, Public Grievance, Parliamentary, RTI references f. Direction by Hon'ble court or by the Ministry in various Court Matter g. Direction from the Ministry in any other matter			

22.	Details of correspondence with project authorities for obtaining action plan/information on status of compliance to safeguards other than the routine letters for logistics support for site visit.(the monitoring report may obtain the details of all letters issued so far but the later reports may cover only the letters issued subsequently.	No show cause or notices of pollution department. We are regularly monitoring both air & water data as per CPCB guidelines & parameters are within limit.
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## Part-II

A report on the status of compliance of various conditions stipulated in EC granted by GoM, SEIAA, Maharashtra vide file no.EC letter SEIAA- EC No- EC22B022MH110015 Expansion of Existing Distillery from 45 to 95 KLPD vide dated September 07,2022. at Dattatraynagar, A/P Pargaon Via Awasari Bk., Tal. Ambegaon, Dist. Pune by M/s. Bhimashankar Sahakari Sakhar Karkhana Limited.

Sr. No	Conditions as per EC dated 07.09.2022 for Expansion of Distillery unit from 45 to 95 KLPD	Status as per six monthly compliance report submitted by the PP
<b>S.N. SPECIFIC CONDITIONS-A)SEAC Conditions</b>		
I	PP to obtain water lifting permission from the Competent Authority to lift water from Ghod River.	Complied. In the year 1998, we have taken permission to lift 0.288 million cubic meter from The Executive Enginner, Krishna Khore Vikas Mahamandal, Pune. Also, in 2020,we have renewed agreement for six year. Copy of water permission & agreement attached . <b>Annexure I.</b> (Page No. 35 to 50 )
II	PP submit point wise compliance of issues raised during Public Hearing along adequate mitigation measures responsibility for compliance along with specific time lines and necessary budget allocation.	Complied. We have submitted point wise compliance of issues raised during public hearing along adequate mitigation measures. Public Hearing MoM attached <b>Annexure II.</b> (Page No.51 to 60 )
III	PP to complete development of mandatory green belt immediately with the provision of drip irrigation and submit photographs PP to plant 3-4 year old tree samplings.	Complied. Trees have been planted covering approximately 33% of the factory's total area, with drip irrigation systems installed to ensure efficient water use. Additionally, a plan is in place to plant 5,000 more trees in the remaining area to further enhance green cover and support environmental sustainability. Certificate issued by Regional Forest Officer, Manchar and Taluka Agriculture Officer and Photographs are attached as <b>Annexure III</b> (Page No.61 to 68 ).
IV	PP proposes to sell carbon dioxide gas providing bottling plant for collection and storage of carbon dioxide gas. PP to ensure that no carbon dioxide gas is emitted to the atmosphere PP to carry out demand supply calculations of Co <sub>2</sub> gas for beverage industry and explore alternate use of Co <sub>2</sub> gas capture and use.	Partially Complied. 30 TPD Co <sub>2</sub> Bottling plant construction work is underway for process generated Carbon dioxide as per specification. Details attached. <b>Annexure IV.</b> (Page No. 69 to 70)
V	PP to bifurcate cost proposed in the Environmental Management Plan(EMP) and submit revised EMP	Complied. We have revised the Environment Management Plan (EMP) Details attached. <b>Annexure V.</b> (Page No. 71 to 72)

VI	PP to provide Zero Liquid Discharge based Effluent Treatment PP to explore possibility to assess techno economic feasibility of using technology for MEE such as low temperature / mechanical vapour compressor etc. so as to reduce operation cost and use of natural resources.	Complied.  We ensure you that there will be no increases in the effluent load to ETP.
VII	PP to ensure enclosed storage with impervious flooring of raw material and chemicals, no open storage be practiced so as to avoid odour nuisance and its impact on the soil in case of spillage.	Complied.  We are store raw material and chemicals as per conditions to avoid odour and leakages to the soil.
VIII	PP to submit copies of MoU executed with the brick manufacturer for disposal of boiler along with their quantities.	Complied.  We are sale boiler ash to brick manufacturer .
IX	PP to provide asphaltting on all internal roads so as to reduce particulate matter pollution during plying of vehicles within the premises.	Complied.  We are provided asphaltting on all internal roads so as to reduce particulate matter.
X	PP to adopt modern technology bio scrubber, negative pressure operation etc. For odour control and submit odour control management plan.	Complied.  We are arranged modern technologies for odour control.
XI	PP to ensure to reduce spent wash generation within 68KL/KL of alcohol produced.	Complied.  We are reduced spent wash generation within 6-8 KL/KL of alcohol produced.
XII	PP to ensure to utilize CER fund(Rs.99 lakhs) before the commissioning of the manufacturing activity in consultation with the District Collector.	Complied.  The work of providing Toilet blocks to Secondary schools with in 10 Km. of the factory has been approved by the Hon'ble District Collector. Work Orders of Rs.75,27,056/- have been given for Civil work.  50% civil work of all toilet blocks has been completed. Orders & Photographs attached. <b>Annexure VI (Page No.73 to 116 )</b>
XIII	PP to ensure to restrict fresh water consumption within 10KL/KL of alcohol production.	Complied.  We are minimize fresh water consumption of alcohol production.

XIV	PP to complete rain water harvesting facility before the commissioning of the manufacturing activity .	Complied. Rainwater from the roofs of factory buildings and office areas is collected through a well-designed network of down take pipes and directed to the on-campus water body. This system enables effective rainwater harvesting and contributes to groundwater recharge. The facility is designed to handle a rainwater harvesting capacity of approximately 5000 KLD.
<b>B. SEIAA Conditions -</b>		
I	PP submitted ADTP plan dated 13.01.2000. As per the said plan total plot area of the project is 2,82,300 sqm. PP has provided 1,39,720 sqm. As Plantation (50%). PP to densify said Plantation area/Green Belt of 50% within 6 months of grant of EC.	Complied. Trees have been planted covering approximately 33% of the factory's total area, with drip irrigation systems installed to ensure efficient water use. Additionally, a plan is in place to plant 5,000 more trees in the remaining area to further enhance green cover and support environmental sustainability. Certificate issued by Regional Forest Officer, Manchar and Taluka Agriculture Officer and Photographs are attached as in Ann. III)
II	PP to undertake Miyawaki plantation of native and indigenous trees such a Banyan, Peepal, Neem, Jamun and suitable trees as per the Forest Department, Govt. of Maharashtra Circular No.SaVaVi-0219/C.R.3/F-11, dated 25 <sup>th</sup> June 2019. The said plantation to be completed in the first year of operation of Environmental Clearance under expert guidance of Miyawaki expert/arborist.	Complied. Trees Species are selected as per the Forest Department.(Certificate issued By Regional Forest- Manchar and Taluka Agricultural Officer & Photographs are attached in Ann.III)
III	PP to strictly observe the Solid Waste Management Rules,2016 as amended time to time.	Complied. We are follow the rules of solid waste management.
IV	PP to strictly observe the Hazardous and other Wastes(management & Trans Boundary Movement) Rules,2016 as amended time to time.	Complied. We are follow the rules of Hazardous waste management.
V	PP to identify all sources of fugitive air pollution on site and provide pollution control measures to mitigate pollution and meet the standard parameter stipulated in the Environment (Protection) Rules,1986 amended time to time & Air(Prevention and Control of Pollution) Act ,1981 amended time to time..	Complied. This is our routine practice. Reports are within limit.



VI	PP to ensure storage of chemicals as per the Manufacture, Storage and Import of Hazardous Chemicals Rules, 1989 amended time to time to ensure no releases of any chemical to the atmosphere and leakage to the soil.	Complied.  We are transport, storage, handling and use of the flammable /toxic chemicals as per conditions.
VII	PP to ensure transport, storage, handling and use of the flammable/toxic chemicals as per conditions stipulated in license /approval of the Petroleum & Explosive Safety Organization (PESO).	Complied.  Anticipated odour generation sources like molasses, fermentation unit, spent wash, ETP septic tank, Yeast storage & ETP Sludge.  Following control measures are implanted to avoid the odour in the keeping.  -Better Housekeeping.  -Process is under closed conditions.  -Spent wash from evaporation are stored in RCC tank and directly send to the incineration in boiler.  -No bio-methnation are adopted.  -Fermentation unit are provided with proper cover to avoid the spread of odour and regular steaming of all fermentation equipment's temperature will be kept under control during fermentation to avoid inactivation /killing of yeast, staling of fermented wash would also be avoided.
VIII	PP to obtain approval and License from the Directorate of Industrial Health & Safety (DISH) for proposed project and implement all condition stipulated in the Maharashtra Factories Rules, 1963 and ensure compliance of recommendation of the Audit.	Complied.  We have obtained and License the Directorate of Industrial Health & Safety(DISH) for Sugar & Co-gen. project. Copy attached. <b>Annexure VII.</b> (Page No.117 to 126 )
IX	PP to provide solar energy for illumination of Administrative Building ,Street lights and Parking area.	Complied.  Solar energy lights are installed at various places.
X	PP to ensure use of briquette /bio coal/pellets/or such suitable product derived from scientific processing of appropriate stream of dry waste/agricultural waste,not	Complied.  We are agree with the same.

	less than 50% of the total fuel requirement to the boiler.									
XII	PP to provide roof top rain water harvesting facility.									
General Conditions-										
I	The project management shall advertise at least in two local newspapers widely circulated in the region around the project, one of which shall be in the Marathi language of the local concerned within seven days of issue of this letter, informing that the project has been accorded environmental clearance and copies of clearance letter are available with the Maharashtra Pollution Control Board and may also be seen at Website <a href="http://parivesh.nic.in">http://parivesh.nic.in</a>	<p>Complied.</p> <p>Industry has published the advertisements in local newspapers as part of the public disclosure process:</p> <p>1) Financial Standard (English)- 14<sup>th</sup> September 2022</p> <p>2)Punyanagari(Marathi)-14<sup>th</sup> September 2022</p> <p>Copies of these advertisements are attached as <b>Annexure VIII.</b> (Page No.127 to 128 )</p>								
II	The proponent shall upload the status of compliance(soft copies) of the conditions stipulated Environmental Clearance letter including monitored data of air, water, soil, noise etc. on their website and shall update the same periodically. The half yearly compliance report shall simultaneously be submitted to the Maharashtra Pollution Control Board, SEIAA and Regional Office of MoEF& CC at Nagpur, on 1 <sup>st</sup> June & 1 <sup>st</sup> December of each calendar year.	<p>Complied.</p> <p>Industry have uploaded the EC &amp; EC compliance report along with all relevant analysis reports on the Karkhana website. Additionally, six-monthly compliance reports are regularly submitted to the Ministry of Environment, Forest and Climate Change (MoEF), Nagpur.</p> <p>Furthermore, the EC letter granted by the Maharashtra State Environment Impact Assessment Authority (SEIAA) is prominently displayed on the Karkhana website for public access. Uploaded documents are attached as <b>Annexure IX.</b> (Page No. 129 to 130)</p>								
III	A Separate funds shall be allocated for implementation of Environment Management Plan along with item wise break up and specific time line for its completion. These cost shall be included as part of the project cost .The fund earmarked for the environment protection measures shall not be diverted for other purposes and year wise expenditure should reported to the MPCB & SEIAA.	<p>Complied.</p> <p>The Environmental Clearance for the project was obtained in September 2022, and all fundamental works required to comply with the stipulated conditions have been completed.</p> <p>An amount of Rs. 50.00 lakhs have been invested as capital expenditure towards environmental protection measures, as outlined in the Environmental Management Plan (EMP). The management remains fully committed to maintaining these standards.</p> <p><b>Budgetary allocations for environment management (Distillery Unit)</b></p> <table><tr><th>Sr N o.</th><th>Particular</th><th>Recurr ing cost (Rs. in Lakhs )</th><th>Capital Cost (Rs. in lakhs)</th></tr><tr><td></td><td></td><td></td><td></td></tr></table>	Sr N o.	Particular	Recurr ing cost (Rs. in Lakhs )	Capital Cost (Rs. in lakhs)				
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		1.	Air pollution control	1.84	150
		2.	CPU & Modular STP		160
		3.	Environmental monitoring system	2.30	-
		4.	Occupational Health & Safety	9	5
		5.	Green Belt Development	15	30
		5.	Solid Waste management	5	-
		7.	Rain water harvesting	3	35
			<b>Total</b>		<b>380</b>
IV	A separate environment management cell with qualified staff shall be set up for Implementation of the stipulated environmental safeguards.	<p>Complied.</p> <p>Environment Management cell is established.</p> <p>It is headed by aa qualified and experienced. Environmental Officer having experience more than 10 years.</p>			
V	In the event of the failure of any pollution control equipment , the manufacturing activity shall be immediately stooped safety till the effective functioning of pollution control equipment's is regained.	<p>Complied.</p> <p>After failure of pollution control device, we have immediately stop the Boiler operation restart after activation of pollution controlling device. We have intimate both CPCB &amp; MPCB time to time by mail in this regard without any delay.</p>			
VI	PP to strictly follow conditions stipulated into Consent to Establish /Operate issued by the Maharashtra Pollution Control Board.	<p>Complied.</p> <p>We are strictly follow consent conditions.</p>			
VII	PP to provide separate drains for storm water and effluent, and ensure that, the storm water drains are dry all the time and in no case the effluent shall mix with the storm water drain.	<p>Complied.</p> <p>We have proper drainage for storm water &amp; effluent and there is no mixing of waste water &amp; storm water.</p>			
VIII	Periodic monitoring of ground water in the study area as marked in the Environmental Impact assessment Report shall be	Complied.			

	undertaken and result analyzed to ascertain any change in the quality of water. Result shall be regularly submitted to the Maharashtra Pollution Control Board.	We are checking Ground water samples within 5 Km radius area in every month during crushing season. All the results are within limit.
IX	The overall noise level in and around the factory premises shall be kept well within the standards under the Environment (Protection) Act, 1986 Rules, 1989 as amended from time to time by providing adequate noise control measures and protective equipment's like ear muff and ear plug etc.	Complied. Noise proof cabins are provided to operators wherever is possible. Further we are providing ear plugs for employees. Noise level is within standard limits.
X	Adequate safety measures shall be provided to limit the risk zone within factory premises. Leak detection devices shall also be installed for early detection and mitigation purpose.	Adequate safety measures like helmets, Shoes, Safety belts etc. are provided.
XI	PP to scrupulously follow the requirements of Maharashtra Factories Act, 1948 & Rules 1963 as amended from time to time	Complied. We are strictly follow Maharashtra Factories Rules as amended from time to time.
XII	The environment statement for each financial year ending 31 <sup>st</sup> March in Form - V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliances of conditions stipulated in the Environment Clearance Letter.	Complied. The environment statement for each financial year ending 31 <sup>st</sup> March, prepared in Form-V as mandated under the Environment (Protection) Rules, 1986 (as amended), is submitted to the concerned State Pollution Control Board (SPCB). This statement, along with the status of compliance of Environmental Clearance (EC) conditions, is also uploaded on the company's website. Additionally, the same is sent via email to the respective Regional Office of the Ministry of Environment, Forest and Climate Change (MoEF) to ensure regulatory compliance and transparency. Same document is attached as <b>Annexure</b> . (Page No.131 to 138)

ENVIRONMENTAL  
CLEARANCE

PARIVESH

(Pro-Active and Responsive Facilitation by Interactive,  
and Virtuous Environmental Single-Window Hub)



**Government of India**  
**Ministry of Environment, Forest and Climate Change**  
**(Issued by the State Environment Impact Assessment**  
**Authority(SEIAA), Maharashtra)**

To,

The Managing Director  
BHIMA SHANKAR SAHAKARI SAKHAR KARKHANA LIMITED  
Dattatrayanagar, P.O. Pargaon via Awasari, Taluka: Ambegaon, Dist.  
Pune-410406 -410406

**Subject:** Grant of Environmental Clearance (EC) to the proposed Project Activity  
under the provision of EIA Notification 2006-regarding

Sir/Madam,

This is in reference to your application for Environmental Clearance (EC)  
in respect of project submitted to the SEIAA vide proposal number  
SIA/MH/IND2/74065/2020 dated 28 Mar 2022. The particulars of the environmental  
clearance granted to the project are as below.

- |   |  |
|---|--|
| 1. EC Identification No.                      | EC22B022MH110015   |
| 2. File No.                                   | SIA/MH/IND2/74065/2020   |
| 3. Project Type                               | Expansion  |
| 4. Category                                   | B1   |
| 5. Project/Activity including<br>Schedule No. | 5(g) Distilleries  |
| 6. Name of Project                            | Expansion of existing Distillery from 45 to<br>95 KLPD of Bhimashankar Sahakari<br>Sakhar Karkhana Ltd., at Dattatraynagar,<br>Tal. Ambegaon, Dist. Pune, Maharashtra<br>at Dattatraynagar – Pargaon (Tarf.<br>Awasari Bk.), Tal. Ambegaon, Dist. Pune<br>– Maharashtra by M/s. Bhimashankar<br>Sahakari Sakhar Karkhana Limited |
| 7. Name of Company/Organization               | BHIMA SHANKAR SAHAKARI SAKHAR<br>KARKHANA LIMITED  |
| 8. Location of Project                        | Maharashtra  |
| 9. TOR Date                                   | 24 Dec 2020  |

The project details along with terms and conditions are appended herewith from page  
no 2 onwards.

Date: 07/09/2022

(e-signed)  
**Manisha Patankar Mhaikar**  
Member Secretary  
SEIAA - (Maharashtra)

*Note: A valid environmental clearance shall be one that has EC identification  
number & E-Sign generated from PARIVESH. Please quote identification  
number in all future correspondence.*

*This is a computer generated cover page.*



# STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY

No. SIA/MH/IND2/74065/2020  
Environment & Climate Change Department  
Room No. 217, 2<sup>nd</sup> Floor,  
Mantralaya, Mumbai- 400032.

To  
M/s. Bhimashankar Sahakari Sakhar Karkhana Limited.  
Dattatraynagar – Pargaon (Tarf. Awasari Bk.),  
Tal. Ambegaon, Dist. Pune

Subject: Environmental Clearance for expansion of existing Distillery from 45 to 95 KLPD at Dattatraynagar – Pargaon (Tarf. Awasari Bk.), Tal. Ambegaon, Dist. Pune by M/s. Bhimashankar Sahakari Sakhar Karkhana Limited.

Reference: Application no. SIA/MH/IND2/74065/2020

This has reference to your communication on the above-mentioned subject. The proposal was considered by the SEAC-1 in its 226<sup>th</sup> meeting under screening category 5 (g) B1 as per EIA Notification, 2006 and recommend to SEIAA. Proposal then considered in 249<sup>th</sup> (Day-2) meeting of State Level Environment Impact Assessment Authority (SEIAA) held on 26<sup>th</sup> August, 2022.

2. Brief Information of the project submitted by you is as below:-

Sr. No	Particulars Required			Details
1.	Name of the project & Address along with all corner latitude and longitude			Expansion of Existing Distillery from 45 KLPD to 95 KLPD by M/s. Bhimashankar Sahakari Sakhar Karkhana Limited. At Dattatraynagar, A/P Pargaon via Awasari Bk., Taluka Ambegaon, District
	Corner	Latitude	Longitude	
	A	18°58'55.58"N	74° 5'21.20"E	
	B	18°58'53.79"N	74° 5'30.50"E	
	C	18°58'47.12"N	74° 5'30.04"E	
	D	18°58'44.49"N	74° 5'37.79"E	
	E	18°58'36.67"N	74° 5'35.74"E	
	F	18°58'22.72"N	74° 5'33.03"E	
	G	18°58'21.08"N	74° 5'31.33"E	
	H	18°58'23.44"N	74° 5'29.49"E	
	I	18°58'20.20"N	74° 5'27.40"E	
	J	18°58'20.65"N	74°	

			5'25.67"E		Pune, Maharashtra
	K	18°58'14.40"N	74° 5'21.26"E		
	L	18°58'16.41"N	74° 5'19.57"E		
	M	18°58'17.82"N	74° 5'10.41"E		
	N	18°58'29.00"N	74° 5'8.69"E		
	O	18°58'29.69"N	74° 5'16.44"E		
	P	18°58'36.28"N	74° 5'15.32"E		
	Q	18°58'44.21"N	74° 5'12.04"E		
	R	18°58'44.59"N	74° 5'22.16"E		
2.	Type of Organization (Private /Government/Semi Government etc.)				Cooperative
3.	Correspondence Address and contact details of Project Proponent				Dattatraya nagar, P.O. Pargoan via Awasari, Taluka: Ambegaon , Dist. Pune- 410406 Contact: Chandrakant Gangadhar Dhage (Managing Director) Telephone - 2133- 284231 Email ID: bsskltd@gmail.com
4.	Type of project (ToR/EC/Amendment in ToR/Amendment in EC/ Revalidation/ Expansion/Process change etc.)				EC
5.	Category of project as per EIA Notification 2006 amended from time to time (Pl. mention category A,B,B1,B2 etc. whichever is applicable)				B, B1
6.	If earlier ToR is obtained pl. mention details (ToR letter No. & Date, SEAC/EAC Meeting No.)				File No. SIA/MH/I ND2/5933



		7/2020 dated 24.12.2020
7.	If earlier EC is obtained pl. mention EC Number & Date	EC Distillery 45 KLPD: SIA/MH/I ND2/4415 6/2018 dated 31.03.2020 EC Sugar 6000 TCD: SEIAA- EC- 000000053 7 dated 27.11.2018 EC Cogenerat ion 19 MW: SEAC- 2011/CR- 755/TC2 dated 30.06.2012
8.	Whether the proposal is a violation case (yes/no)	NO
9.	Applicability of CRZ clearance (yes /no)	NO, Not Applicable
10.	Whether General /Specific Conditions are applicable to the project (Yes/No) If yes pl. give details	NO
11.	Whether Scrutiny fees paid as per SEIAA guidelines (Yes/No); If yes pl give payment details	Yes UTR No: HDFCR52 020123066 310887 Amount 4,00,000/- Deposited date: 30.12.2020
12.	Name of accredited Environmental Consultant & address along with Accreditation No. & Validity	MITCON Consultanc y & Engineerin g Services Ltd. Behind

		DIC Office, Agri College Campus, Shivajinag ar, Pune 411 005, Maha rashtra (INDIA NABET Accreditati on : NABET/E IA/2124/R A 0229_Rev 02
13.	Name of layout plan approving Authority	Town planning Authority and Dept. Industrial, Safety & Health
14.	Estimated cost of Project (in Rs. Lakhs)	9929
15.	Area of project (in Sq.m.)	493383.93 m <sup>2</sup>
16.	Whether 33% green belt is provided (Yes/No)	Yes
17.	Area of Green Belt & No. of trees in the proposed project in Sq. m. (Pl. provide 2000 trees per hectare of green belt area)	Total greenbelt – 191320 m <sup>2</sup> (33.67% of total plot area) Existing greenbelt – 153120.0 m <sup>2</sup> Proposed greenbelt - 38280.0 m <sup>2</sup>  Factory has existing 22968 nos. of trees in

		the premises & planned to develop 5730 nos. trees in proposed greenbelt area.																																																														
18.	Width of internal roads and turning radius	9 m shall be maintained																																																														
19.	Details of proposed construction	Total Built-up Area (in sq.m): 112675.3 m <sup>2</sup>																																																														
20.	<b>List of Raw materials &amp; Storage Details (Pl. add on in the list if necessary)</b>																																																															
	<table><tr><th>#</th><th>Raw material</th><th>Cons. MT/M</th><th>Max Storage details</th><th>Haz. Cat</th><th>Proposed precaution to prevent accident</th></tr><tr><td>1.</td><td>Sugarcane juice</td><td>30000</td><td>Online utilization</td><td>-</td><td rowspan="11"><ul style="list-style-type: none"><li>• Provision of dyke wall</li><li>• Firefighting system as per OISD-117 norms.</li><li>• Fire hydrant system with fire water runoff collection</li><li>• Restrict entry of unauthorized person</li><li>• Keeping containers ventilated</li><li>• Regular monitoring and maintenance</li><li>• To avoid leakages</li><li>• Work permit system.</li></ul></td></tr><tr><td>2.</td><td>B-Heavy molasses</td><td>8910</td><td>Existing: 4500 MT X 2, 6000 MT X1</td><td>-</td></tr><tr><td>3.</td><td>C-Molasses (off season)</td><td>8100</td><td>Proposed: 10000 MT X 2 B-heavy : Tank with conical top &amp; slopping bottom Capacity - 400 MT Qty. - 1 No.</td><td>-</td></tr><tr><td>4.</td><td>Sulphur</td><td>600</td><td>Go down</td><td>-</td></tr><tr><td>5.</td><td>Hydrochloric acid</td><td>1200</td><td>Carboys</td><td>-</td></tr><tr><td>6.</td><td>Phosphoric acid</td><td>1500</td><td>Carboys</td><td></td></tr><tr><td>7.</td><td>Lubricant Oil</td><td>1500</td><td>Drums</td><td></td></tr><tr><td>8.</td><td>Antifoam agent</td><td>816.3</td><td>Carboys</td><td></td></tr><tr><td>9.</td><td>Nutrients (DAP)</td><td>2449.5</td><td>Carboys</td><td></td></tr><tr><td>10.</td><td>YEAST</td><td>2258.7</td><td>-</td><td></td></tr><tr><td>11.</td><td>Urea</td><td>19771.8</td><td>Gunny Bags</td><td>-</td></tr></table>	#	Raw material	Cons. MT/M	Max Storage details	Haz. Cat	Proposed precaution to prevent accident	1.	Sugarcane juice	30000	Online utilization	-	<ul style="list-style-type: none"><li>• Provision of dyke wall</li><li>• Firefighting system as per OISD-117 norms.</li><li>• Fire hydrant system with fire water runoff collection</li><li>• Restrict entry of unauthorized person</li><li>• Keeping containers ventilated</li><li>• Regular monitoring and maintenance</li><li>• To avoid leakages</li><li>• Work permit system.</li></ul>	2.	B-Heavy molasses	8910	Existing: 4500 MT X 2, 6000 MT X1	-	3.	C-Molasses (off season)	8100	Proposed: 10000 MT X 2 B-heavy : Tank with conical top & slopping bottom Capacity - 400 MT Qty. - 1 No.	-	4.	Sulphur	600	Go down	-	5.	Hydrochloric acid	1200	Carboys	-	6.	Phosphoric acid	1500	Carboys		7.	Lubricant Oil	1500	Drums		8.	Antifoam agent	816.3	Carboys		9.	Nutrients (DAP)	2449.5	Carboys		10.	YEAST	2258.7	-		11.	Urea	19771.8	Gunny Bags	-	
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22.	<p>Water Consumption &amp; Effluent generation (All units in CMD)</p> <p>Max total fresh water requirement at a time : 590</p> <ul style="list-style-type: none"> <li>Industrial fresh water: 585</li> <li>Domestic: 5</li> </ul> <p>Effluent generation (CMD)</p> <p>Total Effluent generation:</p> <p><b>Total From Distillery: 630</b></p> <p>Process Condensate: 314</p> <p>Spent less : 142.5</p> <p>Conc. Spent wash: 107</p> <p>Cooling tower, Boiler blow down, Scrubber water: 61.68</p> <p>Domestic: 4.</p> <p>i) Source &amp; Qty of water requirement (in CMD) : Ghod river</p> <p>ii) Water supply permission obtained (Yes/No) &amp; approving Authority: Yes, Permission is obtained from irrigation division for 0.288 million cubic meter of water per year.</p> <table border="1"> <tr> <th colspan="10">Distillery: Fresh water balance</th> </tr> <tr> <th rowspan="2">Particulars</th> <th colspan="3">Consumption (CMD)</th> <th colspan="3">Loss (CMD) Consumption/Loss/ recycled</th> <th colspan="3">Effluent generation (CMD)</th> </tr> <tr> <th>Existing</th> <th>Proposed</th> <th>Total</th> <th>Existing</th> <th>Proposed</th> <th>Total</th> <th>Existing</th> <th>Proposed</th> <th>Total</th> </tr> <tr> <td>Industrial processes</td> <td>156.3</td> <td>173.7</td> <td>330</td> <td>0</td> <td>0.0</td> <td>0</td> <td>67.7</td> <td>74.8</td> <td>143</td> </tr> <tr> <td>Industrial cooling</td> <td>95.7</td> <td>106.6</td> <td>202</td> <td>83.8</td> <td>93.2</td> <td>177</td> <td>12</td> <td>13.3</td> <td>25.28</td> </tr> <tr> <td>Boiler</td> <td>19.9</td> <td>22.3</td> <td>42</td> <td>7.6</td> <td>8.2</td> <td>16</td> <td>12.5</td> <td>13.9</td> <td>26.40</td> </tr> </table>						Distillery: Fresh water balance										Particulars	Consumption (CMD)			Loss (CMD) Consumption/Loss/ recycled			Effluent generation (CMD)			Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total	Industrial processes	156.3	173.7	330	0	0.0	0	67.7	74.8	143	Industrial cooling	95.7	106.6	202	83.8	93.2	177	12	13.3	25.28	Boiler	19.9	22.3	42	7.6	8.2	16	12.5	13.9	26.40
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	Domes tic purpos e	2.4	2.6	5	0.5	0.5	1	1.9	2.1	4
	Green belt	0	0.0	0	0	0.0	0	0	0.0	0
	Others (Speci fy if any) (Scrub er)	4.8	5.2	10	0	0.0	0	4.8	5.2	10. 00
	Total	279.1	310. 4	58. 9. 5	91.9	101. 9	193.8	9 8 9	109.3	2 0 8 2
23.	Quantity of sewage generation (in CMD)								4	
24.	Details of Sewage Treatment and Disposal of treated sewage:								Mobilized Sewage treatment plant	
25.	Detail of Effluent Generation (unit CMD)									
	Particulars			Existing			Proposed			
	Qty. of effluent generation									
	Qty. of high TDS/COD Effluent CMD			51			56			
	Qty. Low TDS/COD effluent CMD			428			90.18			
26.	Whether Zero liquid Discharge Effluent Treatment is proposed (Yes/No)								Yes	
27.	Brief Description of Effluent Treatment scheme								Condensat e will be treated in CPU of capacity 900 CMD and treated water will be used for cooling tower make up, gardening. Raw Spent Wash will be concentrat	

		ed in MEE and concentrated spent wash will be used in 22 TPH slop fired boiler as fuel.																								
28.	Qty of treated effluent proposed to be sent to CETP (pl. mention Name of CETP and its membership Details)	NA																								
29.	Please mention parameters of treated effluent to be achieved as per EP Rule, 1986 and or stipulated by the SPCB.																									
	<table border="1"> <thead> <tr> <th>Parameter</th> <th>Inlet concentration</th> <th>Outlet concentration</th> </tr> </thead> <tbody> <tr> <td>pH</td> <td>3.5-4.0</td> <td>6.5-7.5</td> </tr> <tr> <td>TDS</td> <td>2000-3000</td> <td>-</td> </tr> <tr> <td>COD</td> <td>4000-6000</td> <td>&lt;100</td> </tr> <tr> <td>BOD</td> <td>1000-3000</td> <td>&lt;10</td> </tr> <tr> <td>Heavy metals</td> <td>-</td> <td>-</td> </tr> <tr> <td>Benzene</td> <td>-</td> <td>-</td> </tr> <tr> <td>Other if any Oil &amp; Grease</td> <td>-</td> <td>-</td> </tr> </tbody> </table>	Parameter	Inlet concentration	Outlet concentration	pH	3.5-4.0	6.5-7.5	TDS	2000-3000	-	COD	4000-6000	<100	BOD	1000-3000	<10	Heavy metals	-	-	Benzene	-	-	Other if any Oil & Grease	-	-	
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30.	Brief Note on proposed Rainwater harvesting scheme along with budget allocation	Industry has one existing & one proposed Rain water harvesting tank. Budgetary allocation: 35 Lakhs																								
31.	<b>Solid Waste management</b> <table border="1"> <thead> <tr> <th>Sr. No.</th> <th>Type of waste</th> <th>Qty MT/M</th> <th>Source of generation</th> <th>Disposal method</th> <th>Plan to reduce solid waste generation if any</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>Bagasse ash</td> <td>899</td> <td>Bagasse combustion in Boiler</td> <td>Bagasse ash will be given to farmer as manure</td> <td>-</td> </tr> <tr> <td>2.</td> <td>Incineration boiler ash</td> <td>481.5</td> <td>Incineration boiler</td> <td>Will be sold to farmers to use as manure</td> <td>-</td> </tr> <tr> <td>3.</td> <td>Coal ash</td> <td>990</td> <td>Combustion</td> <td>Brick</td> <td>Coal will</td> </tr> </tbody> </table>		Sr. No.	Type of waste	Qty MT/M	Source of generation	Disposal method	Plan to reduce solid waste generation if any	1.	Bagasse ash	899	Bagasse combustion in Boiler	Bagasse ash will be given to farmer as manure	-	2.	Incineration boiler ash	481.5	Incineration boiler	Will be sold to farmers to use as manure	-	3.	Coal ash	990	Combustion	Brick	Coal will
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				in Boiler	manufacturer	be utilized as per need ( For startup of boiler operation and considering moisture content in Bagasse)
	4.	Yeast sludge	2211	Fermentation unit	Used in composting with press mud and bagasse ash	Use for improved yeast culture
	5.	CPU Sludge	1555	CPU unit	Will be used as manure	-


32.	Hazardous Waste Generation & Disposal (As per HW Rule 2016)							
	Sr . No.	C at	Particul ars	Source of generati on, please include name of product	Exi. Qty. of generat ion MT/M	Propos ed QTY and generat ion MT/M	Total Qty generat ion MT/M	Metho d and Dispos al as per HW Rules 2016
	1	5. 2	Spent oil	Machine ries	0.1	0.1	0.2	Sold to authori zed recycle r

33.	Fuel Consumption												
	S r . N o .	Ty pe of fu el	Consumption Qty. (TPD )			Use of Boi ler / DG set	Ash %			SO2%			Air poll utio n Con trol/ equi pme nt pro vide d Y/N
			Ex isti ng	Pro pos ed	Tot al		Ex isti ng	Pro pos ed	T ot al	Ex isti ng	Pro pos ed	T ot al	

	1	Ba ga sse	120	1 2 0	22 TPH Incine ration boiler (existi ng 16 TPH boiler shall be replac e with 22 TPH boiler )	2%	0.04-0.05	Yes										
	2	Co al	132	1 3 2		15-25%	0.2-0.5%											
	3	Co n. S W	106 .8	1 0 6. 8		15%	0.5- 0.96											
34.	Brief Note on Air Pollution Control equipment's							22 TPH incinera tion boiler Proposed Stack height: 60 m; APC: Electrost atic precipitat or										
35.	Stack Details (Also include process vent details)																	
	Sr. No	Section / unit	Source of pollutio n	Stac k No.	Stack heigh t	Height from groun d	Interna l Dia. (Inch)	Temp of exhaus t gas										
	1.	22 TPH Boiler	Con. SW	1	60	60	1.5	180°C										
36.	<p>Energy</p> <p>a)Source of power Supply : Proposed Distillery TG: 2.0 MW</p> <p>b)Maximum Demand (KVA) : 2000</p> <p>c)whether DG sets will be provided (Yes/No): Yes If yes</p> <table border="1"> <tr> <th rowspan="2">Sr. No.</th> <th colspan="2">No. of D.G sets</th> <th rowspan="2">Capacity</th> </tr> <tr> <th>Existing</th> <th>Proposed</th> </tr> <tr> <td>1.</td> <td>1 * 1010 kVA</td> <td>1 * 1250 kVA</td> <td>2260 kVA</td> </tr> </table> <p>d) Please Mention if high tension line is passing through the plot : Yes /No –</p>								Sr. No.	No. of D.G sets		Capacity	Existing	Proposed	1.	1 * 1010 kVA	1 * 1250 kVA	2260 kVA
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	No								
	If yes, pl. give details of safety measures adopted : NA								
37.	<p><b>Details of use of renewable energy with budget allocation</b>  <u>At present Factory is using bagasse as a renewable energy source for 19 MW cogeneration power plant, which is also considered as a renewable source of energy. However, factory will be</u>  i.) Total Energy Demand : 2000 KVA  ii.) Proposed renewable energy source capacity : 2000KVA  iii.) Proposed Budget (in Rs. Lakhs): -  iv) Timeline for implementation : 6-8 months</p>								
38.	<p><b>Details of public hearing (if applicable)</b>  Date : 15.07.2021 Time : 12.00 pm  Venue: Collector office, Pune  Public hearing Panel :Chairman ,Dr. Jayashree Katare, Additional District Magistrate, Pune  Member: Regional Officer, MPCB, Pune.  Convener: Shri. Nitin Shinde, Sub Regional Officer, MPCB, Pune -2</p> <table border="1"> <thead> <tr> <th>S r . N o .</th><th>Issue raise d publi c heari ng</th><th>Applicant plan for its compliance/ Implementa tion</th><th>Bud get alloc ation</th></tr> </thead> <tbody> <tr> <td>1</td><td>How the air pollution will be prevented from project?</td><td>The main source of air pollution is stack/ chimney attached to the boiler. Hence, we are installing 60 meters height of chimney to the boiler. The most advanced devices like wet scrubber or ESP (Electro</td><td>Air pollution - Elect rostatic precipitat or Cost - 150.0 lakhs</td></tr> </tbody> </table>	S r . N o .	Issue raise d publi c heari ng	Applicant plan for its compliance/ Implementa tion	Bud get alloc ation	1	How the air pollution will be prevented from project?	The main source of air pollution is stack/ chimney attached to the boiler. Hence, we are installing 60 meters height of chimney to the boiler. The most advanced devices like wet scrubber or ESP (Electro	Air pollution - Elect rostatic precipitat or Cost - 150.0 lakhs
S r . N o .	Issue raise d publi c heari ng	Applicant plan for its compliance/ Implementa tion	Bud get alloc ation						
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		Static Precipitator) will be provided to it, due to which 80-85% of smoke will be prevented. Hence, there will not any ill-effects on the surrounding areas.	
	Source of water pollution in the project?	The main components of water pollution in the project are spent wash, spent lease and Condensate. The treatment will be given in the factory premises only. Not a drop of treated effluent will be discharged outside the factory. The treated effluent will be concentrated and the quantity of it will be minimized and then it will be used as fuel in the	CPU Cost — 160.0 lakhs

		Incineration Boiler. Hence, the treated effluent will not go outside the factory. This project is ZLD i.e. Zero Liquid Discharge Project.	
	3 Job opportunities	There are job opportunities in the new distillery project. There will be requirement of 99 persons in the plant. Local people will be given opportunity in the job.	--
	4 solid waste generation and disposal	The ash will be produced. It will be from bagasse and spent wash. The ash will also be produced from sugarcane, small bagasse in which potassium is in large quantity. As it is useful for agriculture, it will be	Solid waste Management recurring cost – 3.0 lakhs /yr.

		made available to the farmers to use as fertilizer.	
	Smoke affect the health?	<p>No smoke will be emitted from the factory which will affect the health of the people. The fuel which will be used for boiler is bagasse from the factory. Basically, spent wash is not at all harmful. After burning of spent wash, the produced ash will be used in the agriculture fields as contains of potassium is large in it. The most modern devices i.e. Wet Scrubber or ESP (Electro Static Precipitator) will be installed due to which 85-90% smoke will be controlled. Hence generation</p>	<p>Air pollution - Elect rostatic precipitat or Cost - 150.0 lakhs</p>

		of smoke will be very meagre. There will not be any ill-effects on the , health of the people residing near the vicinity of the plant	
	Solid waste disposal /	The ash which will be generated from the boiler in the form of solid waste. The ash will be potash-rich and it will be made available to local farmers for use in agriculture fields.	Solid waste Management recurring cost – 3.0 lakhs /yr.
	Steps to minimize the water pollution?	The main components which create water pollution from the factory are spent wash, spent lease and condensate. The treated effluent will be concentrated and the quantity of it will be minimized and it will be burnt in the Incineration Boiler as	CPU Cost – 160.0 lakhs

	<p>fuel. The spent lease and condensate are the polluted components which will be treated in R.O. system or in CPU (Condensate Polishing Unit) which will be installed in the project. After treatment in RO system or in CPU, the water will be recycled and reused in the process. There will not be any generation of any effluent outside the factory.</p>
--	--

3 EMP (Please mention specific items proposed in EMP along with specific timeline for its implementation)  
Construction Phase

Sr. No.	Attributes	Specific measures	Budget in Rs. Lakhs	Remark
1.	Environmental monitoring	Air, water, soil, noise	-	-
2.	Air	Water sprinkling, storage of raw material, covered vehicles	1	-
3.	Health Check up	Annual health camps	-	-
4.	Occupational Health	Safety and health & PPEs	2.5	-
5.	Green belt	Tree plantation	5	-



	development					
Operation Phase						
Sr. No	Attributes	Specific measures	Budget Rs. Lakhs	Timeline for 1/5 implementation	Responsibility	Remarks
1.	Air pollution	ESP	150	After EC and Consent from MPCB maximum 4-5 months	Distillery manager and Environmental officer	General manager and Director to supervise the implementation
2.	CPU & Modular STP	CPU, STP	160			
3.	Environmental Monitoring (Air, water, waste water, Soil, Solid waste, Noise)	(Air, water, waste water, Soil, Solid waste, Noise monitoring)	-			
4.	Occupation health & safety	PPEs, Health Checkup	5			
5.	Green belt development	Green Belt Plantation & maintenance	30			
6.	Solid waste management	Ash, press mud, collection, storage and compost yard	-			
7.	Rain water Harvesting	RWH tank	35			
4	Other Relevant Information : (Pl. provide brief note on proposed project)					-
4	Details of skill development program within Organization					-

<p>4 Details of environmental Monitoring Cell ( Pl. provide organogram with educated Qualification and experience )</p> <div data-bbox="263 336 782 806"> <pre> graph TD     MD[Managing Director] --&gt; TM[Technical Manager]     MD --&gt; PM[Process Manager]     MD --&gt; DI[Distillery Incharge]     DI --&gt; EO[Environment Officer]     DI --&gt; SS[Safety Staff]     DI --&gt; ST[Supporting Staff] </pre> </div>	<p>Environment officer will be appointed Qualification will be Postgraduate in science discipline/MS C environmental science/ BE/ME- Environment</p>
<p>4 Details of court cases if pending in any Hon'ble court</p>	<p>NA</p>

3. Proposal has been considered by SEIAA in its 249<sup>th</sup> (Day-2) meeting and decided to accord Environment Clearance to the said project under the provisions of Environment Impact Assessment Notification, 2006 subject to implantation of following terms and conditions:

**Specific Conditions:**

**A. SEAC Conditions**

1. PP to obtain water lifting permission from the Competent Authority to lift water from Ghod River.
2. PP to submit point wise compliance of issues raised during Public Hearing along adequate mitigation measures, responsibility for compliance along with specific time lines and necessary budget allocation.
3. PP to complete development of mandatory green belt immediately with the provision of drip irrigation and submit photographs PP to plant 3-4 year old tree saplings.
4. PP proposes to sell carbon dioxide gas by providing bottling plant for collection and storage of carbon dioxide gas. PP to ensure that no carbon dioxide gas is emitted to the atmosphere. PP to carry out demand – supply calculations of CO<sub>2</sub> gas for beverage industry and explore alternate use of CO<sub>2</sub> gas capture and use.
5. PP to bifurcate cost proposed in the Environmental Management Plan (EMP) and submit revised EMP.
6. PP to provide Zero Liquid Discharge based Effluent Treatment PP to explore possibility to assess techno-economic feasibility of using technology for MEE such as low temperature/mechanical vapour compressor etc. so as to reduce operation cost and use of natural resources.
7. PP to ensure enclosed storage with impervious flooring of all raw materials and chemicals, no open storage be practiced so as to avoid odour nuisance and its impact on the soil in case of spillage.
8. PP to submit copies of MoU executed with the brick manufacturer for disposal of boiler ash along with their quantities.



9. PP to provide asphaltting on all internal roads so as to reduce particulate matter pollution during plying of vehicles within the premises.
10. PP to adopt modern technologies bio scrubber, negative pressure operation etc. for odour control and submit odour control management plan
11. PP to ensure to reduce spent wash generation within 6-8 KL/KL of alcohol produced
12. PP to ensure to utilize CER fund (Rs. 99 Lakhs) before the commissioning of the manufacturing activity in consultation with the District Collector.
13. PP to ensure to restrict fresh water consumption within 10 KL/KL of alcohol production
14. PP to complete rain water harvesting facility before the commissioning of the manufacturing activity.

#### **B. SEIAA Conditions**

1. PP submitted revised layout showing existing green belt area of 1,53,120.00 m<sup>2</sup> and Proposed Green Belt area of 38,280.00 m<sup>2</sup>. Total greenbelt of 1,91,320.00 m<sup>2</sup> (33.67% of total plot area).
2. PP to undertake Miyawaki plantation of native and indigenous trees such as Banyan, Peepal, Neem, Jamun and other suitable trees as per the Forest Department, Govt. of Maharashtra circular no SaVaVi-2019/C.R.3/F-11, dated 25th June, 2019. The said plantation to be completed in the first year of operation of Environmental Clearance under expert guidance of Miyawaki experts / arborist.
3. PP to strictly observe the Solid Waste Management Rules, 2016 as amended time to time.
4. PP to strictly observe the Hazardous and Other Wastes (Management & Trans boundary Movement) Rules, 2016 as amended time to time.
5. PP to identify all sources of fugitive air pollution on site and provide pollution control measures to mitigate pollution and meet the standard parameters stipulated in the Environment (Protection) Rules, 1986 amended time to time & Air (Prevention and Control of Pollution) Act, 1981 amended time to time.
6. PP to ensure storage of chemicals as per the Manufacture, Storage and Import of Hazardous Chemicals Rules, 1989 amended time to time to ensure no release of any chemical to the atmosphere and leakage to the soil.
7. PP to ensure transport, storage, handling and use of the flammable/toxic chemicals as per conditions stipulated in license/approval of the Petroleum & Explosive Safety Organization (PESO).
8. PP to obtain approval and License from the Directorate of Industrial Health & Safety (DIHS) for proposed project and implement all condition stipulated therein. PP to carry out Safety Audit as stipulated in the Maharashtra Factories Rules, 1963 and ensure compliance of recommendation of the Audit.
9. PP to provide solar energy for illumination of Administrative Building, Street Lights and parking Area.
10. PP to ensure use of briquette /bio coal/ pellets/ or any such suitable product derived from scientific processing of appropriate stream of dry waste/agricultural waste , not less than 50 % of the total fuel requirement to the boiler.
11. PP to provide roof top Rain Water Harvesting facility.

### General Conditions:

- I. The project proponent shall advertise at least in two local newspapers widely circulated in the region around the project, one of which shall be in the Marathi language of the local concerned within seven days of issue of this letter, informing that the project has been accorded Environmental Clearance and copies of Environmental Clearance letter are available with the Maharashtra Pollution Control Board, website of the company and may also be seen at Website at <http://parivesh.nic.in>
- II. The project Proponent shall upload the status of compliance (soft copies) of the conditions stipulated Environmental Clearance letter including monitoring data of air, water, soil, noise etc. on their website and shall update the same periodically. The half yearly compliance report shall simultaneously be submitted to the Maharashtra Pollution Controls Board, SEIAA and the Regional Office off MoEF&CC at Nagpur, on 1st June & 1st December of each calendar year.
- III. Separate fund shall be allocated for the implementation of Environmental Management Plan along with item wise break up and specific time line for its completion. The cost shall be included as part of the project cost. The funds earmarked for the environmental protection measures shall not be diverted for other purpose and year-wise expenditure should be reported to the MPCB and the SEIAA.
- IV. A separate Environmental Management Cell with qualified personnel shall be set up for implementation of the stipulated environmental safeguards.
- V. In the event of failure of any pollution control equipment, the manufacturing activity shall be immediately stopped safely till the effective functioning of pollution control equipment's is regained.
- VI. PP to strictly follow conditions stipulated in the Consent to Establish/Operate issued by the Maharashtra Pollution Control Board.
- VII. PP to provide separate drains for storm water and effluent, and ensure that, the storm water drains are dry all the time and in no case the effluent shall mix with the storm water drain.
- VIII. Periodic Monitoring of ground water in the study area as marked in the Environmental Impact Assessment Report shall be undertaken and results analysed to ascertain any change in the quality of water. Results shall be regularly submitted to the Maharashtra Pollution Control Board.
- IX. The overall noise levels in and around the factory premises shall be kept within the prescribed standard under the Environment (Protection) Act, 1986 and Rule, 1989 as amended from time to time by providing adequate noise control measures and protective equipment's like ear muff and ear plug etc.
- X. Adequate safety measures shall be ensured to limit the risk zone within the factory premises. Leak detection system shall be installed for early detection and mitigation purpose.
- XI. PP to scrupulously follow the requirements of Maharashtra Factories Act, 1948 & Rules 1963 as amended from time to time.
- XII. The Environmental Statement for each financial year ending on 31st March in Form-V as is mandated to be submitted by the Project Proponent to the concerned Pollution Control Board as prescribed under the Environment (Protection) Rule, 1989 as amended from time to time, it shall also be put on the website of the company along with the status of the compliance of the conditions stipulated in the Environmental Clearance letter.

4. The environmental clearance is being issued without prejudice to the action initiated under EP Act or any court case pending in the court of law and it does not mean that project proponent has not violated any environmental laws in the past and whatever decision under EP Act or of the Hon'ble court will be binding on the project proponent. Hence this clearance does not give immunity to the project proponent in the case filed against him, if any or action initiated under EP Act.

5. In case of submission of false document and non-compliance of stipulated conditions, Authority/ Environment Department will revoke or suspend the Environment clearance without any intimation and initiate appropriate legal action under Environmental Protection Act, 1986.

6. The Environment department reserves the right to add any stringent condition or to revoke the clearance if conditions stipulated are not implemented to the satisfaction of the department or for that matter, for any other administrative reason

7. Validity of Environment Clearance: The environmental clearance accorded shall be valid as per EIA Notification, 2006, amended from time to time.

8. In case of any deviation or alteration in the project proposed from those submitted to this department for clearance, a fresh reference should be made to the department to assess the adequacy of the condition(s) imposed and to incorporate additional environmental protection measures required, if any

9. The above stipulations would be enforced among others under the Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and rules there under, Hazardous Wastes (Management and Handling) Rules, 1989 and its amendments, the public Liability Insurance Act, 1991 and its amendments.

10. Any appeal against this Environment clearance shall lie with the National Green Tribunal (Western Zone Bench, Pune), New Administrative Building, 1st Floor, D-Wing, Opposite Council Hall, Pune, if preferred, within 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

  
Manisha Patankar Mhaiskar  
(Member Secretary, SEIAA)

Copy to:

1. Chairman, SEIAA (Maharashtra), Mumbai.
2. Secretary, MoEF & CC, IA- Division MOEF & CC
3. Member Secretary, Maharashtra Pollution Control Board, Mumbai.
4. Regional Office MoEF & CC, Nagpur
5. District Collector, Pune
6. Regional Officer, Maharashtra Pollution Control Board, Pune

The undersigned hereby certifies that the above mentioned information is true and correct to the best of his knowledge and belief and that he has not been furnished with any false or misleading information.

The undersigned further certifies that the above mentioned information is true and correct to the best of his knowledge and belief and that he has not been furnished with any false or misleading information.

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Manisha Patankar Mhaika  
Member Secretary

- 1. Member Secretary, Patankar Mhaika
- 2. Member Secretary, Patankar Mhaika
- 3. Member Secretary, Patankar Mhaika
- 4. Member Secretary, Patankar Mhaika
- 5. Member Secretary, Patankar Mhaika
- 6. Member Secretary, Patankar Mhaika
- 7. Member Secretary, Patankar Mhaika
- 8. Member Secretary, Patankar Mhaika
- 9. Member Secretary, Patankar Mhaika
- 10. Member Secretary, Patankar Mhaika

Signature Not Verified

Digitally signed by Manisha Patankar Mhaika  
Member Secretary  
Date: 9/7/2022 6:29:43 AM

# MAHARASHTRA POLLUTION CONTROL BOARD

Tel: 24010706/24010437  
Fax: 24023516  
Website: <http://mpcb.gov.in>  
Email: [cac-cell@mpcb.gov.in](mailto:cac-cell@mpcb.gov.in)



Kalpataru Point, 2nd and  
4th floor, Opp. Cine Planet  
Cinema, Near Sion Circle,  
Sion (E), Mumbai-400022

RED/L.S.I (R60)

Date: 24/12/2023

No:- Format1.0/CAC/UAN No.MPCB-  
CONSENT-0000180207/CO/2312002279

To,  
M/s. Bhimasankar Sahakari Sakhar Karkhana Ltd  
Gut  
no.-148,151/1,152/2,153/2,154,155,157,Dattatraynag  
ar, A/P Pargaon, via Tarf Awsari Bk., Tal. Ambegaon,  
Dist. -Pune



**Sub: 1st Consent to operate 95 KLPD Distillery unit.**

- Ref:**
1. Consent to Establish granted by the Board Format1.0/CAC/UAN No. MPCB-  
CONSENT-00001121744/CE/2202001274 Dtd. 20.02.2022. Valid up to  
COU.
  2. Environmental Clearance - EC Identification No. - EC22B022MH110015  
File No. - SIA/MH/IND2/74065/2020 Date of Issue EC - 07/09/2022
  3. Minutes of CAC Meeting dtd. 24.11.2023.

Your application No.MPCB-CONSENT-0000180207 Dated 29.08.2023

For: Consent to Operate under Section 26 of the Water (Prevention & Control of Pollution) Act, 1974 & under Section 21 of the Air (Prevention & Control of Pollution) Act, 1981 and Authorization under Rule 6 of the Hazardous & Other Wastes (Management & Transboundary Movement) Rules 2016 is considered and the consent is hereby granted subject to the following terms and conditions and as detailed in the schedule I, II, III & IV annexed to this order:

1. **The consent to operate is granted for a period up to 31/08/2026**
2. **The capital investment of the project is Rs.137.8939 Crs. (As per C.A Certificate submitted by industry Existing-Rs. 99.2954 Crs )**
3. **Consent is valid for the manufacture of:**

Sr No	Product	Maximum Quantity	UOM
Products			
1	Fuel Ethanol	95	KL/D
2	Rectified spirit	92.65	KL/D
3	Impure Spirit	2.35	KL/D
4	Technical Alcohol	5	KL/D
5	Fusel Oil	0.19	KL/D

Distillery Capacity shall not exceed 95 KLPD.



4. **Conditions under Water (P&CP), 1974 Act for discharge of effluent:**

Sr No	Description	Permitted (in CMD)	Standards to	Disposal Path
1.	Trade effluent	832	As per Schedule-I	MEE & Incineration boiler with CPU to achieve ZLD
2.	Domestic effluent	4	As per Schedule-I	On land for irrigation.

5. **Conditions under Air (P& CP) Act, 1981 for air emissions:**

Sr No.	Stack No.	Description of stack / source	Number of Stack	Standards to be achieved
1	1	Boiler	1	As per Schedule -II

6. **Non-Hazardous Wastes:**

Sr No	Type of Waste	Quantity	UoM	Treatment	Disposal
1	Yeast Sludge	73.7	MT/Day	Compost	Used as manure
2	CPU Sludge	51.83	MT/Day	Mixed with PMC	Used as manure
3	Incineration boiler ash	16.05	MT/Day	Compost	Potash rich ash will be sold to farmers
4	Bagasse ash	30	MT/Day	Compost	Used as manure
5	Coal ash	33	MT/Day	Recycle	Sent to brick manufacturer

7. **Conditions under Hazardous & Other Wastes (M & T M) Rules 2016 for Collection, Segregation, Storage, Transportation, Treatment and Disposal of hazardous waste:**

Sr No	Category No./ Type	Quantity	UoM	Treatment	Disposal
1	5.1 Used or spent oil	0.2	MT/M	Recycle	sale to authorized recycler

- The Board reserves the right to review, amend, suspend, revoke this consent and the same shall be binding on the industry.
- This consent should not be construed as exemption from obtaining necessary NOC/ permission from any other Government authorities.
- This consent is issued pursuant to the decision of the Consent Appraisal Committee Meeting held on 24.11.2023.
- The applicant shall comply with the conditions of the Environmental Clearance granted vide letter No. EC Identification No. - EC22B022MH110015 File No. - SIA/MH/IND2/74065/2020 Date of Issue EC - 07/09/2022.
- Industry shall install online continuous monitoring system as per CPCB guidelines & data to be transmitted directly from Data Logger to Board server .

13. Industry shall start production only after completion of pollution control systems and its operational preparedness.
14. The applicant shall make an application for renewal of consent 60 days prior to date of expiry of the consent. (Operate/Renewal)



*Disnazy*

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0a49c8e3

Signed by: Dr.Avinash Dhakne  
Member Secretary  
For and on behalf of  
Maharashtra Pollution Control Board  
ms@mpcb.gov.in  
2023-12-24 12:19:33 IST

**Received Consent fee of -**

Sr.No	Amount(Rs.)	Transaction/DR.No.	Date	Transaction Type
1	827364.00	MPCB-DR-21174	31/08/2023	RTGS
2	75000.00	TXN2311000572	03/11/2023	Online Payment
3	2197.00	TXN2312004318	22/12/2023	Online Payment

**Copy to:**

1. Regional Officer, MPCB, Pune and Sub-Regional Officer, MPCB, Pune II  
- They are directed to ensure the compliance of the consent conditions.
2. Chief Accounts Officer, MPCB, Sion, Mumbai
3. CC/CAC Desk for record & website updation purposes.



Sl. No.	Amount (Rs.)	Transaction/DR. No.	Date	Transaction Type
1	827364.00	MPCB-DR-21174	31/08/2023	RTGS
2	75000.00	TXN2311000572	03/11/2023	Online Payment
3	2197.00	TXN2312004318	22/12/2023	Online Payment

## SCHEDULE-I

### Terms & conditions for compliance of Water Pollution Control:

#### **1. Conditions for Trade effluent:**

- A] As per your application, you have provided MEE & Incineration boiler with CPU to achieve ZLD.
- B] Zero Liquid discharge shall be ensured, and no wastewater/treated water shall be discharged outside the premises.
- C] Industry shall operate Online Continuous Emission Monitoring System (OCEMS) and shall transmit Online Continuous Emission Monitoring System (OCEMS) data to Board's server directly through the data logger without any intermediate server

#### **2. Conditions for Sewage/ Domestic effluent:**

- i. You shall provide sewage treatment plant for the treatment of 4 CMD sewage generation due to expansion and provide including disinfection facility.
- ii. The industry shall operate sewage treatment system to treat the sewage/ domestic effluent so as to achieve the standards as prescribed by the board/under EP Act, 1986 and rules made thereunder from time to time whichever is stringent.

Sr.No	Parameter	Concentration not to exceed(in mg/l except for pH)
1.	pH	6.5-9.0
2.	BOD	30
3.	TSS	100

- iii. The sewage shall be treated by using septic tank and soak pit and overflow if any shall be used on-land for gardening/irrigation.

5. The Applicant shall comply with the provisions of the Water (Prevention & Control of Pollution) Act, 1974 and as amended, by installing water meters and other provisions as contained in the said act:

Sr. No.	Purpose for water consumed	Water consumption quantity (CMD)
1.	Industrial Cooling, spraying in mine pits or boiler feed	212.00
2.	Domestic purpose	5.00
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	373.00
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	0.00
5.	Gardening	0

6. The Applicant shall provide Specific Water Pollution control system as per the conditions of EP Act, 1986 and rule made there under from time to time/ Environmental Clearance.



### SCHEDULE-II

#### Terms & conditions for compliance of Air Pollution Control:

1. As per your application, you have provided the Air pollution control (APC) system and erected following stack (s) to observe the following fuel pattern:

Stack No.	Stack Attached To	APC System	Height in Mtrs.	Type of Fuel	Quantity & UoM	S%	SO <sub>2</sub>
1	Boiler (22 TPH)	ESP	60	Bagasse/Spent wash	9.45 Kg/Hr	0.02	100.00

2. Appropriate Air Pollution Control (APC) system shall be provided for all the dust generating points including fugitive dust from all vulnerable sources, so as to comply prescribed stack emission and fugitive emission standards.
3. The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement/alteration well before its life come to an end or erection of new pollution control equipment.
4. The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).
5. The applicant shall operate and maintain above mentioned air pollution control system, so as to achieve the level of pollutants to the following standards:

Particulate matter	Not to exceed	150 mg/Nm <sup>3</sup>
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6. Storage of raw materials, coal etc. shall be either stored in silos or in covered areas to prevent dust pollution and other fugitive emissions.
7. The industry shall submit monthly summary report of continuous stack emission and air quality monitoring and results of manual stack monitoring and manual monitoring of air quality /fugitive emissions to Regional Office MPCB.
8. The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).
9. Industry shall provide Online Continuous Emission Monitoring System (OCEMS) i.e. flow meter and night vision camera to ensure the Zero Liquid Discharge (ZLD) of spent wash and OCEMS for Boiler stack for PM parameter.

### SCHEDULE-III

#### Details of Bank Guarantees:

Sr. No.	Consent (C2E/ C2O /C2R)	Amt of BG Imposed	Submission Period	Purpose of BG	Compliance Period	Validity Date
1	C to O	25 lakh	Submit/extend	For compliance of consent conditions and O & M of PCS.	31.08.2026	28.02.2027

### BG Forfeiture History

Srno.	Consent (C2E/C2O/C2R)	Amount of BG imposed	Submission Period	Purpose of BG	Amount of BG Forfeiture	Reason of BG Forfeiture
NA						

### BG Return details

Srno.	Consent (C2E/C2O/C2R)	BG imposed	Purpose of BG	Amount of BG Returned
NA				

### SCHEDULE-IV

#### General Conditions:

1. The Energy source for lighting purpose shall preferably be LED based
2. The PP shall harvest rainwater from roof tops of the buildings and storm water drains to recharge the ground water and utilize the same for different industrial applications within the plant
3. Conditions for D.G. Set
  - a) Noise from the D.G. Set should be controlled by providing an acoustic enclosure or by treating the room acoustically.
  - b) Industry should provide acoustic enclosure for control of noise. The acoustic enclosure/ acoustic treatment of the room should be designed for minimum 25 dB (A) insertion loss or for meeting the ambient noise standards, whichever is on higher side. A suitable exhaust muffler with insertion loss of 25 dB (A) shall also be provided. The measurement of Insertion loss will be done at different points at 0.5 meters from acoustic enclosure/room and then average.
  - c) Industry should make efforts to bring down noise level due to DG set, outside industrial premises, within ambient noise requirements by proper siting and control measures.
  - d) Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer.
  - e) A proper routine and preventive maintenance procedure for DG set should be set and followed in consultation with the DG manufacturer which would help to prevent noise levels of DG set from deteriorating with use.
  - f) D.G. Set shall be operated only in case of power failure.
  - g) The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set.
  - h) The applicant shall comply with the notification of MoEFCC, India on Environment (Protection) second Amendment Rules vide GSR 371(E) dated 17.05.2002 and its amendments regarding noise limit for generator sets run with diesel.
4. The applicant shall maintain good housekeeping.
5. The non-hazardous solid waste arising in the factory premises, sweepings, etc. be disposed of scientifically so as not to cause any nuisance / pollution. The applicant shall take necessary permissions from civic authorities for disposal of solid waste.
6. The applicant shall not change or alter the quantity, quality, the rate of discharge, temperature or the mode of the effluent/emissions or hazardous wastes or control equipments provided for without previous written permission of the Board. The industry will not carry out any activity, for which this consent has not been granted/without prior consent of the Board.
7. The Board reserves the right to review, amend, suspend, revoke this consent and the same shall be binding upon you.

8. The industry shall submit quarterly statement in respect of industries obligation towards consent and pollution control compliance's duly supported with documentary evidences (format can downloaded from MPCB official site).
9. The industry shall submit official e-mail address and any change will be duly informed to the MPCB.
10. The industry shall achieve the National Ambient Air Quality standards prescribed vide Government of India, Notification No. B-29016/20/90/PCI-L dated. 18.11.2009 as amended.
11. This consent should not be construed as exemption from obtaining necessary NOC/ permission from any other Government authorities.
12. The industry shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.
13. You shall operate OCEMS installed for source emission round 'O' clock and transmit data online to CPCB and MPCB server. You shall also monitor effluent quality, stack emissions and ambient air quality monthly/quarterly. You shall conduct Dioxin Furan monitoring by third party NABL Accredited agency once in year and submit report to Sub Regional Officer.
14. You shall ensure collection, and segregation of BMW regularly to treat and dispose Off within 48 hrs from generation.
15. Whenever due to any accident or other unforeseen act or even, such emissions occur or is apprehended to occur in excess of standards laid down, such information shall be forthwith Reported to Board, concerned Police Station, office of Directorate of Health Services, Department of Explosives, Inspectorate of Factories and Local Body. In case of failure of pollution control equipments, the production process connected to it shall be stopped.
16. The applicant shall provide an alternate electric power source sufficient to operate all pollution control facilities installed to maintain compliance with the terms and conditions of the consent. In the absence, the applicant shall stop, reduce or otherwise, control production to abide by terms and conditions of this consent.
17. The industry shall recycle/reprocess/reuse/recover Hazardous Waste as per the provision contain in the Hazardous and Other Wastes (M & TM) Rules 2016, which can be recycled /processed /reused /recovered and only waste which has to be incinerated shall go to incineration and waste which can be used for land filling and cannot be recycled/reprocessed etc. should go for that purpose, in order to reduce load on incineration and landfill site/environment.
18. An inspection book shall be opened and made available to the Board's officers during their visit to the applicant.
19. You shall not Rent, Lend, Sell, Transfer or Close Down the facility or otherwise transport the Bio Medical waste for any other purpose without obtaining prior written permission of the MPC Board.
20. Separate drainage system shall be provided for collection of trade and sewage effluents. Terminal manholes shall be provided at the end of the collection system with arrangement for measuring the flow. No effluent shall be admitted in the pipes/sewers downstream of the terminal manholes. No effluent shall find its way other than in designed and provided collection system.
21. Neither storm water nor discharge from other premises shall be allowed to mix with the effluents from the factory.
22. The industry should not cause any nuisance in surrounding area.

23. The industry shall take adequate measures for control of noise levels from its own sources within the premises so as to maintain ambient air quality standard in respect of noise to less than 75 dB (A) during day time and 70 dB (A) during night time. Day time is reckoned in between 6 a.m. and 10 p.m. and night time is reckoned between 10 p.m. and 6 a.m.
24. You shall ensure that fugitive emissions from the activity are controlled so as to maintain clean and safe environment in and around the facility premises.
25. The applicant shall provide ports in the chimney/(s) and facilities such as ladder, platform etc. for monitoring the air emissions and the same shall be open for inspection to/and for use of the Board's Staff. The chimney(s) vents attached to various sources of emission shall be designated by numbers such as S-1, S-2, etc. and these shall be painted/ displayed to facilitate identification.
26. The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions. The Applicant shall obtain prior consent of the Board to take steps to establish the unit or establish any treatment and disposal system or an extension or addition thereto
27. The applicant shall install a separate meter showing the consumption of energy for operation of domestic and industrial effluent treatment plants and air pollution control system. A register showing consumption of chemicals used for treatment shall be maintained.
28. The applicant shall bring minimum 33% of the available open land under green coverage/ plantation. The applicant shall submit a yearly statement by 30th September every year on available open plot area, number of trees surviving as on 31st March of the year and number of trees planted by September end.
29. The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions.
30. The firm shall submit to this office, the 30th day of September every year, the Environment Statement Report for the financial year ending 31st March in the prescribed FORM-V as per the provisions of Rule 14 of the Environment (Protection) (second Amendment) Rules, 1992.
31. You should monitor effluent quality, stack emissions and ambient air quality monthly/quarterly. You shall conduct Dioxin Furan monitoring by third party NABL Accredited agency once in every year and submit report to Sub Regional Officer.
32. The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).
33. The applicant shall provide facility for collection of environmental samples and samples of trade and sewage effluents, air emissions and hazardous waste to the Board staff at the terminal or designated points and shall pay to the Board for the services rendered in this behalf.
34. You shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.

35. You shall strictly comply with the Water (P&CP) Act, 1974, Air (P&CP) Act, 1981 and Environmental Protection Act, 1986 and industry specific standard under EP Rules 1986 which are available on MPCB website ([www.mpcb.gov.in](http://www.mpcb.gov.in)).
36. You shall create the Environmental Cell by appointing an Environmental Engineer and Chemist for looking after day-to-day activities related to compliance of CCA.
37. You should comply with the Hazardous and Other Wastes (M & TM) Rules, 2016 , Bio Medical Waste Management Rules,2016 and submit the Annual Returns as per Rule 6(5) & 20(2) of Hazardous and Other Wastes (M & TM) Rules, 2016 for the preceding year in Form-IV by 30th June of every year

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This certificate is digitally & electronically signed.

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कुखाविम/औपापु/४९८/(२९३/९८)/प्रशा-४/

महाराष्ट्र कृष्णा खार विकास महामंडळ,  
सिंचन भवन, बारण रोड, पुणे - ४१  
दिनांक ०५.०६.९८

जापन : औद्योगिक वापरासाठी भौमा शकर सह साखर कारखाना ता. आंबेगाव जि. पुणे उंचल पाणी परवाना  
सदम १ मुख्य अभियंता (पा). सिंचन भवन पुणे याचे पत्र क्र सिंचन/ काअ- २/ ६६२९/ काठापूर का  
प. बंधारा/२३७५/दि २२.०५.९८

प्रारंभिक :

महाराष्ट्र कृष्णा खार विकास महामंडळाच्या वतीने खाली निर्देशित विंगर सिंचन योजना (औद्योगिक)  
मान्यता देण्यात आली असून, त्यानुसार सदरचे जापन प्रसूत करण्यात येत आहे.

भौमा शकर सह साखर कारखाना ता. आंबेगाव जि. पुणे यांना लागण्याच्या वार्षिक पाणी कोटा  
०.२८८ दलघमी, (पिण्यासाठी ०.०७२, औद्योगिक ०.२१६) परिमाणाची मोड नदीवरील काठापूर का. व  
बधान्यातून उंचल पाणी परवान्याची शिफारस मुख्य अभियंता (पा). पुणे यांनी त्याच तरेल सदामय पत्रानुसार  
केले आहे. सध्यास पाणी पुरवठा करण्यासाठी पुढील निर्णय घ्यावात येत आहे.

निर्णय :

भौमा शकर सह साखर कारखाना ता. आंबेगाव जि. पुणे या संस्थेसाठी मोड नदीवरील काठापूर का.  
प. बधान्यातून त्यांनी विनंती केल्यानुसार खाली दर्शविलेला प्रयोजनासाठी व निर्देशित केल्या परिमाणाचे  
मर्यादित राहून पाणी उंचलण्यास खालील अटी व शर्तीचे अधीन राहून मंजुरी देण्यात येत आहे.

पाण्याचे परिमाण - (दलघमी/वर्ष)

वर्ष	औद्योगिक	शतीसाठी वापर	घरगुती वापर	एकूण वापर	सिंचन कपात
	वापर		(पिण्यासाठी)		हक्टर
प्रति वर्षी	०.२१६		०.०७२	०.२८८	१०६

अटी व शर्ती :

- अर्जदार सत्था स्वखर्चाने सर्वाधिक योजना बांधून कार्यान्वित करेल.
- योजनेचे कामास प्रत्यक्ष सुरुवात करण्यापूर्वी महामंडळाकडील पाटबंधारे विभागाचे सहाय्यत कार्यकारी  
अभियंत्याचे बरोबर महाराष्ट्र कृष्णा खार विकास महामंडळाने ठरविलेल्या मसुद्यानुसार करारनामा करावी  
त्यामळे करारनामा केल्यानंतरच पाणी परवाना मंजुरी कार्यान्वित होईल.
- महामंडळाने बळीबळी ठरवून दिलेल्या पाणीपट्टीच्या दराने पाणी पुरवठ्याचा जाकारणी केल्या जाईल आणि  
विवादात मरतेत ही पाणी पट्टी आकारणी अर्जदार सत्थाने महामंडळाकडील सहाय्यत कामाच्यामळे भरली  
त्यामळे पाणीपट्टीची आकारणी ही एकूण पाणी वापरावर करण्यात येईल. अन्वय पाणी वापरत नसले  
पाणी वापर, यार्शामवन ग्याचा अंतर्भाव राहतील.
- पाणी पुरवठ्याचे तसेच योजनेच्या बांधकामाचे सहाय्यत महामंडळाकडील पाटबंधारे विभागाचे प्रचालन  
नियम तसेच महामंडळाने बळीबळी मंजूर केलेले नियम व अटी अर्जदार सत्थेवर बंधनकारक राहतील.

ही मंजुरी महामंडळ पाणी पुरवठा ना. मं. नं. दिनांक १३.०५.९८ या दिनांकास लागू राहिली आहे.



उपलब्धतेच्या वर्षात त्या वर्षापुरती मंजूर पाणी पुनर्प्राप्त करणाऱ्या अधिकार पाटबंधारे विभागाच्या (महामंडळाच्या) कार्यकारी अभियंतांना राहिल. परिणामी कोणत्याही प्रकारच्या नुकसानीची जबाबदारी महामंडळावर राहणार नाही.

मरा/कालदा/जलाशयातील पाण्याच्या दर्जा/गुणवत्ताबत पाटबंधारे विभाग (महामंडळ) जबाबदार राहणार नाही व त्यास जबाबदारही धरता येणार नाही.

प्रवाह बंद असलेल्या काळासाठी किमान गरजेवढी वेगळी सोडवण क्षमता पाणी पुरवठ्याची विस्थापना राखण्यासाठी योजनेच्या अधिकार कालावधीत निर्माण करावी लागेल ही क्षमता प्रस्तुत प्रकरणात (दान) माहितीची असेल.

उपकरासह पाणी पट्टी देयक/मागणी (एकपट्टीने किंवा दंडाच्या दराने) विहित कालावधीत न भरल्यास पाणीच्या विजेचा पुरवठा बंद करणेसाठी महाराष्ट्र राज्य विद्युत मंडळाच्या अधिकाऱ्यांना कळविण्यात येईल व उपकरासह थकीत पाणीपट्टी भरल्यावरच पाणीसाठीचा विद्युत पुरवठा पुन्हा सुरू करण्याबद्दल महाराष्ट्र राज्य विद्युत मंडळास कळविण्यात येईल. सदर वीज पुरवठा संस्थेने स्वतःचे खर्चाने महाराष्ट्र राज्य विद्युत मंडळाकडून सुरू करून घ्यावा.

सदर कंपनीने त्याच्या स्वखर्चाने वरील मंजूर उपरोक्त पाणी कोट्यांच्या मापनासाठी यंत्रसामुग्री (मीटर) बसवावा व त्याची वेळोवेळी निगा राखून तो सतत अव्याहत चालू स्थितीत ठेवावा. पिण्याचे पाणी व औद्योगिक वापराचे पाणी यासाठी स्वतंत्र पाणी मीटर व्यवस्था कंपनीस, स्वखर्चाने करावी लागेल. महामंडळांतर्गत पाटबंधारे विभागाच्या अधिकाऱ्यांना या यंत्रसामुग्रीची कच्चाही/कितीही वेळा पाहणी करण्याची मुभा राहिल. तसेच माजमापाच्या नांदी महामंडळाच्या अंतर्गत पाटबंधारे विभागामार्फत कंपनीने स्वखर्चाने ठेवाव्यात व नांदीची माहिती सदर विभागाच्या अधिकाऱ्यांना पाहणीसाठी कच्चाही उपलब्ध असावी. ही माहिती सुरक्षित ठेवण्याची जबाबदारी कंपनीवर राहिल.

१.० जलमापनाची यंत्रसामुग्री (मीटर) बसविल्याशिवाय व कार्यान्वित केल्याशिवाय काररनामा अंमलात येणार नाही.

१.१ उपरोक्त परिमाणाच्या मंजूर केलेल्या पाणीसाठी कंपनीने वापरला नाही तरीही मंजूर पाणीसाठीच्या किमान १०% पाण्यासाठी कंपनीस उपकरासह पाणीपट्टी भरावी लागेल. पाण्याचा भविष्यातील वापराचा तपशील उपरोक्त तक्त्यात दिलेला असला तरी दरम्यानच्या काळात त्या वर्षाच्या वापर त्या वर्षाला मंजूर केलेल्या परिमाणापेक्षा जास्त असणार नाही. कंपनीला जर त्या वर्षाच्या मंजूर परिमाणापेक्षा जास्त पाणी वापर करावयाचा असल्यास तशा प्रत्यक्ष वापराच्या अगोदर किमान ३ महिने लेखी परवानगीसाठी अर्ज करून त्याची मंजूरी घेणे आवश्यक आहे. अशा मंजूरीशिवाय पाणी वापर दडनीय दराने आकारणीस पात्र ठरेल.

१.२ सदर कंपनीस उचललेल्या पाण्याचा खर्च वर्षाचे खाराही महिने एकूण परिमाणासाठी महामंडळाच्या त्यात्या वर्षाचे प्रचलित दराने उपकरासह भरणे बंधनकारक राहिल.

१.३ सदर कंपनी परिमाणाचे मंजूर पाणी प्रत्यक्ष उचलण्यापूर्वी महामंडळाच्या अंतर्गत पाटबंधारे विभागामार्फत प्रत्यक्ष पाणी उचलण्याच्या जागेचे ठिकाण निश्चय करणे बंधनकारक राहिल.

१.४ सदर कंपनीस उपरोक्त परिमाणाने मंजूर पाणी प्रत्यक्ष उचलण्यापूर्वी महामंडळाच्या अंतर्गत पाटबंधारे विभागामार्फत प्रत्यक्ष पाणी उचलण्याच्या जागेचे ठिकाण निश्चय करणे बंधनकारक राहिल.

१.५ सदर कंपनीस उपरोक्त परिमाणाने मंजूर पाणी प्रत्यक्ष उचलण्यापूर्वी महामंडळाच्या अंतर्गत पाटबंधारे विभागामार्फत प्रत्यक्ष पाणी उचलण्याच्या जागेचे ठिकाण निश्चय करणे बंधनकारक राहिल.



परील अटीचा समावेश असलेला १८ वर्ष मुदतीचा रितसर करारनामा हे पत्र पिछले पासून तीन महिन्यांचे आत (१० दिवसात) करवा लागले राखणे किंवा ठेव स्वरूपात उपरोक्त १८ वर्षांच्या कालावधीसाठी. सध्याचे दोन महिन्यांच्या पाणी एवढीही अनामत खकम महामंडळाकडे प्रविष्टित कार्यकारी अभियंता याच्याकडे आगाऊ भरणे आवश्यक आहे तसेच सध्याचे दोन महिन्यांच्या पाणीसाठी (storage) १९९० च्या शासन निर्णयानुसार स्वखर्चाने करावा लागेल व हा करारनामा झाल्यानंतरच प्रत्यक्ष पाणी वापराची परवानगी अंमलात येईल. या पत्राची प्रत कार्यकारी अभियंता व कंपनीच्या अधिकृत व्यक्तीच्या (Authorised Signatory) स्वाक्षरीन करारनामा जोडपत्र म्हणून लावण्यात यावी.

१५. पाटबंधारे प्रकल्पातून विंगर सिंचन पाणी पुरवठ्यासाठी घराण्या (शिर्षकाम) जमराटा करणाऱ्यासाठी यणारा अथवा आलेल्या खर्चापैकी महामंडळ निश्चित करेल. असा पाणी वापराचा यथाप्रमाण खर्च असा करण सध्याचे सधनकारक राहिल सध्याचा पाणी परवाना हा औद्योगिक उपवागासाठी असल्याने सध्या करण पाणी भागणी ही संपूर्णपणे औद्योगिक उपवागासाठी समजण्यात यावी त्याप्रमाण पाणीपट्टी दर सध्याचा पाणी वापरास लावण्यात येईल.

१६. प्रस्तुत प्रस्तावाची पाणी भागणी ही को. प. संघान्यातून असल्यामुळे रबी हंगाम संपल्यानंतर पाणी देण्याबाबत महामंडळ कोणत्याही परिस्थितीत जबाबदार राहणार नाही.

म.कृ.खो.वि.म. करिता.

*M. K. Khosla*  
कार्यकारी अभियंता

- प्रत मुख्य अभियंता (पा). सिंचन भवन. पुणे यांना माहितीसाठी व आवश्यक त्या कार्यवाहीसाठी  
प्रत अग्राधिक अभियंता. पुणे पाटबंधारे मंडळ. पुणे यांना माहितीसाठी  
प्रत कार्यकारी अभियंता. पुणे पाटबंधारे विभाग. पुणे यांना माहितीसाठी
१. करारनामा करणपूर्वी सध्याकडून महाराष्ट्र प्रदूषण नियंत्रण मंडळाने मृदत वाढाचे व अटी व शर्त यामधील अनुक्रमांक ३ प्रमाण प्रमाणपत्र मिळवून ते करारनाम्यास लावावे.
  २. करारनाम्याचे नूतनीकरण करणपूर्वी महामंडळाचे उपरोक्त अटी व शर्तीचे काटेकोरपणे पालन हो महत्वाचे आहे.
  ३. पाणी परवाना हे महामंडळाला महसूल मिळवून देण्याचे साधन आहे त्यामुळे महसूल वसुलीबाब काटेकोरपणे व सतर्क राहणे अव्यक्त महत्वाचे आहे.
  ४. करार झाल्यानंतर सध्याकडून पाणी वापराच्या यथाप्रमाण घेतल्या जाण्यास जावकामाती १५ मेतल्या महामंडळाला अवगत करावे.



# **A G R E E M E N T**

## **For Non - Irrigation Water Supply Bhimashankar Sahakari Sakhar Karakhana Ltd**

Dattatrayanagar, Pargaon Via. Awasari Bk.  
Tal - Ambegaon, Dist.- Pune  
(Karkhana)

With

**Kukadi Irrigation Division No.1**  
Narayangaon, Tal.- Junnar, Dist.- Pune

# AGREEMENT

For Man-Made Fiber Supply  
Furnishing and Supply Materials Ltd.  
Manufactured in Japan  
of the year 1960

WITNESSES

Human Division No. 1  
The company is a part of the



महाराष्ट्र MAHARASHTRA

2019

दि. 9/1/2020 रु. 500 x 2 = 9000/-

AU 239415

अनुक्रमांक 3219

मुद्रांक कोणत्या कारणासाठी वापरावयाचा आहे- फराहनामा

मुख्य मुद्रांक अधिनियम, 1948 चे अनुच्छेद क्र. ---

संपूर्ण नांव भिमशांकर सह साखर कारखाना मर्चा, पुणे

संपूर्ण पत्ता पारगाव ताल. शिवसरी बु. ता. आंबेगाव, जि. पुणे

हस्ते व्यक्तीचे नाव राहुल विनोद आसार

संपूर्ण पत्ता छोडेगाव, ता. आंबेगाव, जि. पुणे

मुद्रांक धारकाची/  
हस्ते व्यक्तीची सही

परवाना धारक मुद्रांक क्र. 1, प. क्र. 2202013  
परवान्याची मुदत 1.12 मार्च 2021  
छोडेगाव, ता. आंबेगाव, जि. पुणे.

उप कोषागार अधिकारी, आंबेगाव

07 JAN 2020

उप कोषागार अधिकारी, आंबेगाव

ज्या कारणासाठी पर्यायी मुद्रांक  
खरेदी केली त्याची त्याच  
कारणासाठी मुद्रांक खरेदी  
केल्यापासुन 5 सहिव्यत  
वापरणे बंधनकारक आहे.

And the Governor of Maharashtra hereinafter referred to as the Government (Which expression shall unless excluded by or it be repugnant to the context or meaning thereof be deemed to include successors and assigns) of the other part.

Whereas the company is desirous of constructing a pumping station on the company's Land at Village PARGAON for drawing water from the source KATHAPUR KT WEIR (hereinafter referred to as "the said source") for the use by the company's BHIMASHANKAR SAHAKARI SAKHAR KARKHANA LTD. (hereinafter referred to as "the said Plant") and laying underground as surface pipes and drains for discharge of the factory effluent.

MANAGING DIRECTOR

Bhimashankar S. S. K. Ltd. Dattatrayanagar

Wp. Pargaon, Via. Awasari Gk.

Tal. Ambegaon. (Pune) 412 405

2019

ALL 239414

दि. १५/१/२०२० रु. ५०० x २ = १०००/-

उप कोषागार अधिकारी, जयदेवपुर

07 JAN 2020

संपूर्ण पत्ता- छोटेगाव, ता. मोठेगाव, जि. पुणे

परवाना धारक मुद्रांक विवेका, प.क्र.२२०२०१३  
परवान्याची मुदत ३१ मार्च २०२१  
घोडेगांव, ता.आंबेगाव, जि.पुणे.

ज्या कारणासाठी ज्यांनी मुद्रांक  
खरेदी केली त्यांनी त्याच  
कारणासाठी मुद्रांक खरेदी  
केल्यापासून ६ महिन्यात  
वापरणे बंधनकारक आहे.

(For non-Irrigation water Supply)

An agreement made on the 18<sup>th</sup> day of January, 2020 between BHIMASHANKAR SAHAKARI SAKHAR KARKHANA LTD., a Local self Government body such as Grampanchyat, Municipal authorities, Zilla Parishad, Jeewan Pradhikaran or Company Industrial Corporation (which expression hereinafter referred to as the company shall unless excluded by or it be repugnant to the context or meaning thereof be deemed to include successors and assigns) registered under the Indian companies Act, 193 (VII of 1913), the companies Act, 1956 (1 of 1956) and having its registered office at Dattatrayanagar, Pargaon via Awasari Bk., Tal.- Ambegaon, Dist. - Pune Hereinafter referred to as the company of the one part

MANAGING DIRECTOR

Bhimashanker S. S. & Co. Ltd. Dattatraynagar  
A.P. Pargana, Via - Awasan Bk.

AND whereas the company has paid Rs.20,000/- to Government towards the proportional cost of capital outlay of the project.

AND whereas the Government has agreed to grant the aforesaid permission to the company on the terms and conditions hereinafter appearing.

AND WHERE AS UNDER the said terms and conditions the company has to deposit with **EXECUTIVE ENGINEER KUKADI IRRIGATION DIVISION NO.1 NARAYANGAON** to the government sum of Rs. 20,000/- as "security" equivalent to 2 months company's probable annual water charges bases on yearly sanctioned and as communicated in cash or in the form of fixed deposit receipt or a bank Guarantee issued by a scheduled/nationalized bank having its main/branch office locally for the due observance and performance by the company of the terms and conditions of this Agreement AND WHEREAS the company has accordingly prior to the execution of these presents deposit with the government Rs. 20,000/- as security for the due observance and performance by the company of the terms and conditions herein contained AND WHEREAS it has been agreed that the said amount will not carry any interest if deposited in cash.

### Definitions

**Quota :-** Quota means Yearly demand sanctioned and communicated to by the Executive Engineer .

**Corporation :-** Corporation means the river basin corporations like Maharashtra Krishna Valley Development Corporation (MKVDC) Godavari Maharashtra Irrigation Development corporation to (GMIDC) Kokan Irrigation Development corporation (KIDC) and Vidharbha Irrigation Development corporation (VIDC) Municipal corporation's municipalities etc.

**MIDC :-** MIDC means Maharashtra Industrial Development corporation

**MJP :-** MJP means Maharashtra Jeevan Pradhikaran

**Yearly applicable Demand :-** Yearly applicable demand means the water demand communicated by the USER for the period from **1<sup>st</sup> November** to **31<sup>st</sup> October** the Executive Engineer & SANCTIONED BY IRRIGATION Department every year in the month of **September** along with its bifurcation for industrial domination and agricultural use.

USER use means water using agency like individual company's users / industry / Entrepreneur.

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A/p- Pargaon, Via - Awasari Bk.,  
T.M. Ambegaon, (Pune) 412 405



## NOW THIS AGREEMENT WITNESSTH AS FOLLOWS

- 1) (a) In consideration of the company making payment to the Government as hereinafter specified and observing and performing the convenience and conditions herein contained Government do hereby grants to the company permission to draw following quota of water for the specified purpose vide sanctioned water quota letter जा.क्र. मकृखोविम/ औपापु / ४९८ / (३९३/९८) / प्रशा-४ दि. ०५/०६/९८ herein enclosed as Annexure - 1

Sr. No	Description / use	Quantity Million Cubic Meters per year
1	Total Sanction Quota	0.288
1.1	For other than water as raw material industrial use	0.216
1.2	For domestic use	0.072

And use the same for the purpose of the company's said plant or project and for supply to residential colonies for a term of 6 years commencing from the 1<sup>st</sup> day of February 2020 on the following Terms & Conditions.

**Terms & Conditions.**

- b) The quota assigned for domestic use and for agricultural use shall not exceed 10% each of the individual water demand. In the cases wherein the water used for Domestic and Agricultural use exceeds 10% in each case the excess use shall be charged at industrial applicable rate specified in clause 11 of this agreement
- c) The Industrial water requirement, the domestic water requirement and agricultural (nursery/gardening) water requirement of the company as demanded deemed to be separate and independent for the sole purpose and water charges assessment shall be accordingly separate and independent for other clauses of this agreement.
- 2) The permission hereby granted shall be subject to the provisions of the Maharashtra Irrigation ACT 1976 and Bombay Canal Rules 1934 and subsequent revisions if any, in force and any executive orders issued in this behalf by Government and any statutory amendment thereof from time to time and for the time being in force.
- 3) Nothing herein contained shall be deemed to imply any guarantee on the part of the Government as to availability or otherwise of any specific quantity of water and Government shall not be responsible for the non supply or in adequate supply of water on any account whatsoever. However in case of inadequate or non supply due to shortage of water or reason beyond the control of the Department, bill shall be charged as per actual quantify of water lifted/supplied during such period.
- 4) The company shall use the water drawn from the said river for purposes of the company's said plant and for supply to the residential colonies constructed by the company within the area of the said plant for providing housing to its employees and



workers (hereinafter referred to as "the said residential colonies" ) The company shall not sale the water from the said river to any other person, firm or company, corporation or other body. In the event of the company selling water drawn from the said river, then Government without prejudice to its right will forthwith revoke the license, Government shall be entitled to recover from the company the proceeds of any such sale made by the company.

- 5) Government shall be entitled to utilize water of the said river available after meeting the reasonable requirements of the company as to which matter the decision of the Government shall be final and binding on the company for such purpose as Government deem fit.
- 6) The permission hereby granted shall not in any manner prejudicially affect the existing water right vested in the upstream riparian owners nor shall it in any way prejudice Governments right to hereafter launch or implement in public interest any new schemes or schemes of its own at, on or in connection with the present source of channel of water supply available to the company subject however to the safeguarding of its reasonable demand referred to in clauses (5) above
- 7) The company shall not construct the pick up weir in the **Ghod river** bed of the said river unless the proposals plans, drawings, specifications, estimates and all other details thereof are previously submitted to and approved in writing by an officer authorized in that behalf by the Government and while granting its approval to the construction of the pick up weir Government may impose such conditions as it may in its discretion think fit.
- 8) (a) For ascertaining the quantity of water drawn by company the company shall forthwith at its own cost and after obtaining prior approval in writing there to of the Executive Engineer, install independent pipeline fitted with separate electronic water measuring devices for use of water for the said independent intention (hereinafter referred to as "the said electronic measuring devices") at such places as is indicated by the Executive Engineer. **All the pipeline showing location of the metering equipments from the said source for different purpose shall be got jointly verified and go approved from the Executive Engineer, Irrigation Department. Similarly layout from the said source shall be get approved from the Executive Engineer. No changes in the approved layout shall be made without the prior written approval from the Executive Engineer.** In the event of the company failing to install and keep in proper working order the said electronic measuring devices for use of water for the said plant and supply to the said residential colonies as aforesaid the company shall be liable to pay for the full sanctioned water quota as mentioned in clause 8(d) I and II During such period 125% of the proportionate sanctioned Quantity will be charged at the prevailing rates for the said plant. The said electronic measuring devises shall always be kept under the lock and seal of the Executive Engineer. The company shall at all imp's, during the subsistence of this agreement at its own cost maintain the said electronic measuring devices in proper working order and condition (The underline portion not applicable to MIDC).
- b) Readings for the water so drawn by the company will be taken on the said electronic measuring devices, on the first & last day of each Month / at agreed rimes, jointly by the authorized representatives of the Executive Engineer and of the Company.

MANAGING DIRECTOR

Shri. Shankar S. S. K. Ltd. Dattatreya Nagar  
Vp. Pargaon, Via - Awasari BK.

c) If at a time the opinion of the Executive Engineer the said electronic measuring devices are found defective, the same shall be tested for its accuracy and the cost of such testing shall be borne and paid by the company.

D) In the event of the said electronic measuring devices going out of order and becoming defective the quantity of water drawn by the company during the period when the meter was defective and not working shall be ascertained in the following manner

- i) If the said electronic measuring devices remain out of order for a period of less than 30 days then the quantity of water deemed to be drawn by the USER during the said period shall be taken to be 90% of the yearly sanctioned demand as communicated in clause 11 or average for the last six months whichever is higher.
- ii) If the said electronic measuring devices remain out of order for a period exceeding 30 days then the quantity of water deemed to be drawn by the USER during the said period shall be taken to be 110% of the yearly sanctioned demand as communicated in clause 11 or average for the last six months whichever is higher. This will be made applicable for the period during which the measuring devices remained out of order.

The aforesaid provisions will also apply when the quantity of water drawn by the company cannot be measured on account of removal of the said electronic measuring devices for repairs or the same in the opinion of the Executive Engineer not working properly.

- iii) If electronic meter meant for domestic or for agricultural use is not fitted or remains out of order or is removed, the water charges will be levied as per the rates specified for the industrial use for the total quota as referred to in clause 1(a) of this agreement.

9) Billing should be done on bimonthly basis. The bill for the water drawn by the company during the previous calendar month shall be sent in duplicate/triplicate by the Executive Engineer to the company within 15 days after the end of the water consumption month. The company shall thereafter duly pay the same by a demand draft in the name of the **EXECUTIVE ENGINEER KUKADI IRRIGATION DIVISION NO.1, NARAYANGAON** for and on behalf of the Government within a fortnight from the date of receipt of the bill and shall not allow the same to fall in arrears. If the company fails to pay the amount within this stipulated time. (15 days from the date of receipt of the bill that is before the end of the current month) extra charges not exceeding 10 % per annum of the amount due will be charged. If the delay in payment of water charges exceeds six months, the irrigation department reserves the right to terminate the water supplies with a notice of 15 days in advance.

10) The cost of all works in connection with the arrangements for water supply including the cost of measuring devices and its installation and maintenance shall be borne by the company.

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A/P - Pargaon, Via - Awasari Bk  
Dist. - Amravati (Pune), 412 405

- 11) Subject to the provision of clause (8) hereof the company shall pay to the Government at the time and in the manner specified in clause.
- 12) Hereof water charges for the quantity of water drawn by the company from the said river as measured by the said electronic measuring devices at the following rates, namely. (Here rates, which are going to apply to the company with mentioned of purpose of use of water sanctioned quota and present rates (subject to its revision) may be specified)
- i) Provided however that after the expiry of two years from the date of the company starts drawing water from the said river if in any month the quantity of water drawn by the company is less than 90% of the quantity of water specified in clause (1) hereof then the company shall pay to the government water charges calculated for 90% of the quantity of water specified in clause (1) hereof or for average of the quantity of water drawn by the company during the period of previous three months including the month in question whichever is greater.
  - ii) For any unforeseen reason, if the company / agency would like to reduce/increase the demand of water made earlier/entered in the agreement they will be required to make the revised annual demand before the commencement of the year that is **1<sup>st</sup> day of November**. On acceptance of such revised demand the company will be charged as per changed demand for period specified, other condition remaining same. A new supplementary agreement on **hundred rupees** stamps paper for this changed quantity, which will form part of main agreement.
  - iii) No penal rate will be levied for the quantity limited to 10% in excess of this 10% without prior sanction a penal rate of 25% will be charged over the basic rate. The delay in payment on account of this also, will be governed by clause 9 above.
  - iv) For any unforeseen reason (such as sudden closure of the units or sudden rise in production etc.) these could be decided at Govt. level only by giving due considerations to the availability of water in the particular sub basin and so on.
  - v) In addition to the payment of water charges referred to above the company shall also pay to the government local funds cess at the rate of 20 paise per every rupee of water charges.
  - vi) **Water Bill :-** The bimonthly for the period from **November at August (for 10 months)** shall be prepared on the basis of actual quantity of lifted at the prevailing rate. The bill for the months of **September & October (2 months)** shall be prepared by taking review of annual sanctioned demand and the terms and conditions of the agreement and then shall be adjusted and paid accordingly. While adjusting so it shall be considered that the 90% of the annual sanctioned demand has been lifted/used.
- 12) (a) The company shall pay to the Executive Engineer water rates and local fund cess either in advance every month on the basis of anticipated quantum of water to be drawn by it from the said source during the month or on monthly basis with fifteen (15) days from the date of receipt of the monthly demands by the USER from the Executive Engineer on default of the USER to pay the water rate or local fund cess as aforesaid vide clause 9 and 11 government shall without prejudice to its any other right and remedies be entitled to terminate this agreement forthwith as per clause No.9

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 Pip-Pargach, Via - Awasari BK.,  
 Tal. Dahanu

(b) In the case of disputes regarding quantity of water billed or rate at which the bill is prepared the company/firm/individual water user shall first pay the complete amount of the bill and then claim for refund of any excess bill charged giving the reasons/justification of wrong billing. However the decision of superintending Engineer **KUKADI IRRIGATION CIRCLE, PUNE-11** in this regard shall be final and binding on the company.

- 13) Government hereby reserves to itself the right to revise from time to time the water rates and local fund Cess Company shall pay the revised water rates and local fund cess as may be fixed by Government from time to time
- 14) The USER Shall not discharge the effluent in any nalla or river and shall not pollute directly or indirectly any portion on the said nalla/river even by septic tank effluents. If any water sources are polluted by the industry as identified by irrigation/pollution control Board/MIDC/MJP the company shall be charged with a penalty of rupees 5000/- per such incident per day till it is rectified. The opinion of Maharashtra pollution control Board in respect of degree of pollution will be binding on the company.
- 15) The effluent disposal arrangement made by the company industry shall be got approved by the company from the Maharashtra pollution control board/Environmental Department of the Government prior to commencing the operation of pumping/drawing water from the portion (underline portion not applicable to MIDC) While granting water supply connection, MIDC shall insist the company industry to produce consent / NOC for effluent disposal arrangement from Maharashtra pollution Control Board wherever required (that is in case of polluting company/industry) (Non underline portion Exclusively applicable to MIDC)
- 16) The Company shall at all the times allow an officer of irrigation Department of the Government authorized in that behalf the said works as well as the account and copies taken of entries from the record maintained by the company.
- 17) Any notice or order document to be given to or served upon the company may be given or served on behalf of the Government by the **EXECUTIVE ENGINEER KUKADI IRRIGATION DIVISION NO.1 NARAYANGAON** And any such notice or served upon the company or sent by registered office of the company or sent by registered post to the registered address for the time being of the company.
- 18) The said sum of **Rs.20,000/-** deposited in the form of FDR/Bank guarantee/cash by the company with the **EXECUTIVE ENGINEER KUKADI IRRIGATION DIVISION NO.1 NARAYANGAON** to the convenience terms and conditions herein contained. In case of default on the part of the company to perform and observe any of the said Convenience, terms and conditions it shall be lawful for the government in his absolute discretion to forfeit the whole of the security deposit or any part thereof without prejudice nevertheless

to any right and remedies which the government may have against the company under these presents for such breach and the company shall forthwith pay up the amount so forfeited **and shall always maintain the original amount of deposit throughout** and shall always maintain the original amount of deposit throughout the period of this agreement on the expiry of the terms of this agreement the said security deposit of **Rs. 20,000/-** or such part thereof as shall not have been appropriated as aforesaid shall be refunded to the company.

MANAGING DIRECTOR

Shrihashankar S. S. K Ltd, Dattatraya,  
A/P- Pargaon, Via - Awagar Bil.

- 19) All amount due of the term of this an agreement Government may renew this agreement within 90 days for such further prepaid and on so much terms and conditions, as Government may at its absolute discretion deem fit.
- 20) On the expiry of the term of this an agreement Government may renew this agreement within 90 days for such further prepaid and on so much terms and conditions, as Government may at its absolute discretion deem fit.
- 21) The cost incurred in the execution of this incidental charges for this agreement including stamp duty shall be borne and paid by company.
- 22) Permission for extra water over and above the sanctioned quota will be granted only when the company from the industrial Department produces the written permission for expansion etc.
- 23) The agreement super cedes all the previous agreement entered into by the USER with the Government in connection with the supply of water from Dimbhe dam
- 24) The company should submit their water indent for every rotation to the **EXECUTIVE ENGINEER KUKADI IRRIGATION DIVISION NO.1 NARAYANGAON** Tal- Junnar, Dist- Pune on or before starting of the rotation. The company should also furnish the exact quantity of water actually drawn in each rotation after completion of the rotation.
- 25) The company will have to make an arrangement as its own cost for adequate storage (balancing tank) of not less than two months requirement of water in case of perennial canal, five months requirement in case of 8 monthly canal system, four months requirement of water in case of perennial canal five months requirement in case of 8 monthly canal system four months requirement in case of water source from seasonal river/nalla so as to take care of the closure period. But if unexpected the closure.
- 26) Period is increased by more than the specified period stipulated herein the company will have to make an alternative arrangement for its water requirement as its own cost.(Not applicable to MIDC).
- 27) IF THE COMPANY COMMITS BREACH OF ANY OF THE TERMS AND CONDITION THEREOF GOVERNMENTS SHALL BE ENTITLED TO CANCEL THIS PERMISSION AND DISCONTINUE THE SUPPLY OF WATER WITHOUT PAYMENT OR ANY COMPENSATION WHATSOEVER TO THE COMPANY.
- 28) The Government hereby reserves to itself right to charge/amend/modify revise any of the terms and condition rules and regulations of water management and Maharashtra irrigation Act and rules laid under thereon which shall be applicable for this agreement.

MANAGING DIRECTOR

Dr. Dhanashankar S. S. K. Ltd. Dattatrayanagar

V.P. Pargaon, Via. Awarani Bk.

Dist. Dattatrayanagar (Pune) 410 200

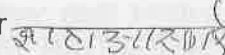
- 29) In WITNESS WHEREOF THE common seal of the BHIMASHANKAR SAHAKARI SAKHAR KARKHANA LTD. has been hereonto affixed AND The **EXECUTIVE ENGINEER KUKADI IRRIGATION DIVISION NO. 1, NARAYANGAON** DIVISION has for and on behalf of the Governor of Maharashtra hereto set his hand and affixed the seal of his office the day and year herein above written. THE COMMON SEAL OF BHIMASHANKAR SAHAKARI SAKHAR KARKHANA LTD. was pursuant to a resolution of the Board of Directors of the company dated the hereto affixed in the presence of

  
**Chandrakant Dhage**  
 Managing Director





Two directors of the company who in taken thereof have hereto set respective hands in the presence of

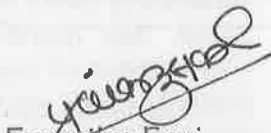
1) Shri Ashok Laxman Ghule, Director 

2) Shri Dnyaneshwar Harku Asware, Director 

SIGNED SEALED AND DELIVERED BY THE EXECUTIVE ENGINEER KUKADI IRRIGATION DIVISION NO.1 NARAYANGAON for and on behalf of the Governor of Maharashtra in the presence of

1)  **Sectional Officer**  
 Manchar Irrigation Section **MANCHAR**

 **Sub-Divisional Engineer**  
 Kukadi Irrigation Sub.Dn.No.3 **Manchar**

 **Executive Engineer**  
 Kukadi Irrigation Division No.1  
**Narayangaon**

2)

**MINUTES OF THE ONLINE PUBLIC HEARING FOR PROPOSED EXPANSION OF SANCTIONED MOLASSES BASED DISTILLERY UNIT FROM 45.0 KLPD TO 95.0 KLPD PROPOSED BY PROJECT PROPONENT M/S BHIMASHANKAR SAHAKARI SAKAHR KARKHANA LTD., (BSSKL), AT – DATTATRAYANAGAR, POST – PARGAON VIA AWASARI BK, TAL- AMBEGAON, DIST – PUNE.**

The online Public Hearing for proposed expansion of sanctioned Molasses Based Distillery Unit from 45.0 KLPD to 95.0 KLPD proposed by Project Proponent M/s Bhimashankar Sahakari Sakhar Karkhana Ltd., (BSSKL), At – Dattatrayanagar, Post – Pargaon Via Awasari BK, Tal-Ambegaon, Dist – Pune was conducted on dated 15<sup>th</sup> July, 2021 at Collector Office, Pune at 12.00 noon.

As per the Environment Impact Assessment (EIA) Notification dated 14<sup>th</sup> September, 2006 as issued by Ministry of Environment, Forest & Climate Change (MoEF & CC), Govt. of India (GoI), New Delhi and subsequent amendment on date 01-12-2019, Member Secretary, Maharashtra Pollution Control Board vide Office Order No. E-48 of 2021 under letter no.BO/JD (WPC)/PH/B-210629/FTS-0237, Dated 29-06-2021 has constituted following Environment

**Public Hearing Committee: -**

- |   |   |                 |
|---|---|-----------------|
| 1) District Magistrate, Pune  | - | <b>Chairman</b> |
| or his representative not below the rank of an Additional District Magistrate |   |                 |
| 2) Regional Officer, MPCB, Pune   | - | <b>Member</b>   |
| (Representative of Maharashtra Pollution Control Board)                       |   |                 |
| 3) Sub Regional Officer, Pune-2,  | - | <b>Convener</b> |
| Maharashtra Pollution Control Board, Pune                                     |   |                 |

Shri Nitin Shinde, Sub-Regional Officer, MPCB, Pune-2, Member, Convener of the Environment Public Hearing Committee welcomed Dr. Jayashree Katare, Additional District Magistrate, Pune and Chairperson, Environment Public Hearing Committee, Company Officials, officials of the Collector Office who handled online system, government officials, NGOs working in the field of environment, journalists and online participants who were present in large number and informed that as per the Environment Impact Assessment Notification of Ministry of Environment, Forest & Climate Change, Govt. of India, (i.e. MoEFCC, GoI) dated 14<sup>th</sup> September, 2006 as amended on 1<sup>st</sup> December, 2009, it is mandatory to conduct prior public consultation to certain projects which are covered in the schedule of the said Notification. Maharashtra Pollution Control Board, Mumbai was in receipt of application of M/s Bhimashankar Sahakari Sakhar Karkhana Ltd., (BSSKL), at Dattatrayanagar, Post – Pargaon Via Awasari BK, Tal – Ambegaon, Dist. – Pune for proposed expansion of sanctioned Molasses Based Distillery Unit from 45.0 KLPD to 95.0 KLPD at the existing site of the industry. Member, Convener of the Environment Public Hearing Committee informed that though Project Proponent has obtained Environment Clearance for the 45.0 KLPD Distillery unit, the project is not still commissioned. Meanwhile, cultivation of sugarcane crop has increased, hence the crushing capacity of the factory is also increased. Hence, considering the availability of additional molasses and increased demand in the market, the factory management has planned to commission the increased capacity of sanctioned distillery from 45.0 KLPD to 95.0 KLPD.

The Convener further informed that, as per EIA Notification, 2006 the category of project falls under Category A 5 (g). The aim of conducting prior public consultation is to make aware, local people who can be participant in the hearing and they should know the developmental activities and Environment Management Plan of the unit.

Project Proponent had submitted online prescribed application along with pre-feasibility report to the MoEFCC, GoI for Terms of Reference (ToR) for conduct of EIA studies and MoEFCC, GoI, New Delhi considered the project and given online approval on dated 24.12.2020.

As per said Notification, 30 days' advance public notice was published in the local newspaper in Daily Loksatta for Marathi and in national newspaper Daily Indian Express for English on dated 10-06-2021 The public were appealed to send their



suggestions, views, doubts or objections regarding the proposed expansion of the sanctioned molasses-based distillery unit.

Also copy of EIA report and executive summary were made available at various notified offices of Government i.e. Ministry of Environment, Forest & Climate Change, Zonal Office, West Central Zone, New Secretariat Building, Ground Floor, East Wing, Civil Line, Nagpur-440 001; District Magistrate Office, Pune; Additional District Magistrate Office, Pune; Zilla Parishad Office, Pune; District Industries Centre Office, Pune; Tahsildar Office- Ghodegaon, Tal-Ambegaon, Dist, Pune; Grampanchayat office at Pargaon via Awasari BK, Tal-Ambegaon, Dist- Pune; Sub Regional Office, MPCB, Pune-2; Regional Office, MPCB, Pune and Head Office of MPCB at Mumbai, Environment & Climate Change Department, Govt. of Maharashtra, Mumbai and on MPCB website. The public in general were appealed to send any suggestion or objection regarding the proposed Distillery expansion. The Convener further informed that written suggestions are received by local MPCB Office through E-mail. He appealed Chairperson of the Committee to allow to start the proceedings.

Member, Convener of the Environment Public Hearing Committee informed that public notice was published on dated 10<sup>th</sup> June, 2021. It is also informed that on site Public Hearing will be conducted at project site with Covid-19 guidelines and if there is lock down/restrictions the Public Hearing meeting will be held online, for which link

(<https://us02web.zoom.us/j/87377274183?pwd=OHRiUnR3O2pXQjRSYithdTRWXRZz09>) was made available in the public notice.

District Administration directed to conduct online meeting considering the pandemic situation, hence online meeting is arranged.

With the permission of the Hon'ble Chairperson of the Public Hearing Committee, Project Environment Consultant gave the presentation on Environment Management Plan of the project.

Environment Consultant informed the total cost for the proposed increase in the capacity of distillery will be Rupees 8293 lakh. The capital cost for the Environment Management will be Rupees 1348 lakh. Environment Consultant gave the detailed information of Environment Management Plan.

After the presentation, Convener of the Public Hearing Committee appealed the participants to raise their suggestions, objections regarding Environment Management Plan of the project.

**FOLLOWINGS HAVE PARTICIPATED DURING THE DISCUSSIONS, QUESTIONS AND ANSWER GIVEN BY PROJECT PROPONENT :-**

- 1) Shri Vaibhav Sahebrao Badhekar, Residence - Jarkarwadi, Tal - Ambegaon, Dist - Pune :-

Sr. No.	Objection/Suggestion/Question	Answer
1)	I am staying at Jadhavwadi. My village is 5.0 k.m. from the project. How the air pollution will be prevented from the project?	The main source of air pollution is stack/chimney attached to the boiler. Hence, we are installing 60 meters height of chimney to the boiler. The most advanced devices like wet scrubber or ESP (Electro Static Precipitator) will be provided to it, due to which 80-85% of smoke will be prevented. Hence, there will not any ill-effects on the surrounding areas.

- 2) Sou. Sujata Rithe, Sarpanch, Nagapur, Tal -Ambegaon, Dist - Pune :-

Sr. No.	Objection/Suggestion/Question	Answer
1)	My village is just 5.0 kilometre from the project. What will be the main source of water pollution in the project?	The main components of water pollution in the project are spent wash, spent lease and condensate. The treatment will be given in the factory premises only. Not a drop of treated effluent will be discharged outside the factory. The treated effluent will be concentrated and the quantity of it will be minimised and then it will be used as fuel in the Incineration Boiler. Hence, the treated effluent will not go outside the factory. This project is ZLD i.e. Zero Liquid Discharge Project.

3) Shri Navnath Rajaram Mehetre, Residence – Shingave Pargaon,  
Tal – Ambegaon, Dist-Pune:-

Sr. No.	Objection/Suggestion/ Question	Answer
1)	I am staying from 3.5 – 4.0 kilometre away from the factory. Due to this expansion of the project, whether local people will get job opportunities?	There are job opportunities in the new distillery project. There will be requirement of 99 persons in the plant. Local people will be given opportunity in the job.

4) Mrs.Savita Ubale, Grampanchayat Member, Ranjani, Tal – Ambegaon,  
Dist – Pune:-

Sr. No.	Objection/Suggestion/ Question	Answer
1)	Which solid waste will be generated from this Distillery Plant?	The ash will be produced. It will be from bagasse and spent wash. The ash will also be produced from sugarcane, small bagasse in which potassium is in large quantity. As it is useful for agriculture, it will be made available to the farmers to use as fertiliser.

5) Shri Balasaheb Labade, Residence – Pargaon Via Avasari Budruk,  
Tal – Ambegaon, Dist-Pune:-

Sr. No.	Objection/Suggestion/ Question	Answer
1)	Whether the smoke coming out of the factory will affect the health of the people?	No smoke will be emitted from the factory which will affect the health of the people. The fuel which will be used for boiler is bagasse from the factory. Basically, spent wash is not at all harmful. After burning of spent wash, the produced ash will be used in the agriculture fields as contains of potassium is large in it. The most modern devices i.e. Wet Scrubber or ESP (Electro Static Precipitator) will be installed due to which 85-90% smoke will be controlled. Hence generation of smoke will be very meagre. There will not be any ill-effects on the health of the people residing near the vicinity of the plant.

- 6) Shri Santosh Walse Patil, Residence – Nirgudsar, Tal – Ambegaon, Dist-Pune:-

Sr. No.	Objection/Suggestion/Question	Answer
1)	How will the solid waste from the project will be disposed off?	The ash which will be generated from the boiler in the form of solid waste. The ash will be potash-rich and it will be made available to local farmers for use in agriculture fields.

- 7) Shri Sunanda Reddy, Environmentalist, President, Dharitri Paryavaran Parirakshana Sanstha, Dist – Nalgonda, Telangana State :-

Sr. No.	Objection/Suggestion/Question	Answer
	<p>Shri Sunanda Reddy, an Environmentalist has informed in English that he is the first Environmentalist in India who supports industrial development. Almost all environmentalist in India opposes industrial development. But I always support the industrial development. He congratulated Project Proponent for deciding the expansion. He said for environment protection and safety, he desires to give few suggestions: -</p> <p>a) He said that Environment Consultant of the project has carried the survey of the periphery of the project of water, air and soil. It is good.</p> <p>b) Shri Sunanda Reddy requested to study the health status, crop pattern and present status of the ground water of the 10 k.m. radius. It will help for keeping environment balancing study.</p> <p>c) Shri Reddy informed that he supported the project and written objections raised by him</p>	<p>Suggestions are noted.</p>

	are informed. He said that he will again sent the suggestions by email to local MPCB office.	
	d) He suggested to make Safety & Environment Protection Rules.	
	e) Shri Reddy congratulated Environment Consultant for preparing the EIA report in a right manner.	
	f) He suggested to undertake in hand the programme of avenue plantation with green belt development in nearby villages.	
	g) Shri Reddy also suggested Environment Public Hearing Committee to recommend MoEFCC, Govt. of India to give unconditional permission.	

At this moment, Member, Convener of the Environment Public Hearing Committee appealed all online participants to raise their views, suggestions or objections if any.

**8) Shri Ujjawala Vavhal, Member, Grampanchayat, Shingave,  
Tal – Ambegaon, Dist – Pune:-**

Sr. No.	Objection/Suggestion/ Question	Answer
1)	I am staying 2.5-3 k.m. away from the factory. My question is which steps will be initiated to minimise the water pollution?	The main components which create water pollution from the factory are spent wash, spent lease and condensate. It will be treated in the factory only. The treated effluent will be concentrated and the quantity of it will be minimized and it will be burnt in the Incineration Boiler as fuel. The spent lease and condensate are the polluted components which will be treated in R.O. system or in CPU (Condensate Polishing Unit) which will be installed in the project. After treatment in RO system or in CPU, the water will be recycled and reused in the process. There will not be any generation of any effluent outside the factory.

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	<p>The first of these is the fact that the majority of the population of the country is engaged in agriculture. This is a fact which has a profound influence on the economic and social life of the country. It is a fact which has a profound influence on the economic and social life of the country.</p>
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The second of these is the fact that the majority of the population of the country is engaged in agriculture.

The third of these is the fact that the majority of the population of the country is engaged in agriculture.

The fourth of these is the fact that the majority of the population of the country is engaged in agriculture.

The fifth of these is the fact that the majority of the population of the country is engaged in agriculture.

The sixth of these is the fact that the majority of the population of the country is engaged in agriculture.

Name	Occupation
<p>The first of these is the fact that the majority of the population of the country is engaged in agriculture. This is a fact which has a profound influence on the economic and social life of the country. It is a fact which has a profound influence on the economic and social life of the country.</p>	<p>The first of these is the fact that the majority of the population of the country is engaged in agriculture. This is a fact which has a profound influence on the economic and social life of the country. It is a fact which has a profound influence on the economic and social life of the country.</p>

While concluding the meeting, Chairperson, Environment Public Hearing Committee said that this meeting is started on 12.00 noon and many online participants have raised their suggestions. The suggestions, views, objections have been noted and it will be included in the minutes of the meeting. She further appealed online participants to raise their views if any. It will be noted. There was no response from the participants.

Then Chairperson, Environment Public Hearing Committee expressed the opinion that if anybody might have faced difficulty to handle the online connection or there may be few persons who desired to raise their views by mail, they can send it on local MPCB office. The suggestions, objections raised by email will also be noted and it will be sent to Government for further action. She informed Convener of the meeting to make available the email id. She said that she is giving few time if anybody desires to raise any question, if there is no question, then the meeting will be concluded. As there was no response, she asked Member, Convener of the meeting to conclude the meeting.

Member, Convener, Environment Public Hearing Committee while appealing to raise any doubts, questions informed that while publishing public notice in news and making available all the relevant documents i.e. executive summary in Marathi, English at notified government offices, grampanchayat offices, E-mail id is made available on the covering letter. If anybody types just MPCB on Google, the website address gets. For information to all, Convener of the meeting orally informed the mail address as -

a) [sropune2@mpcb.gov.in](mailto:sropune2@mpcb.gov.in);

b) [ropune@mpcb.gov.in](mailto:ropune@mpcb.gov.in)

Convener informed to send views, suggestions of any on above referred addresses.



Member, Convener, Environment Public Hearing Committee expressed the opinion that more than enough time is given to participants to raise their views. As there is no response, it seems that there are no questions. Hence, the Public Hearing is concluded. Member, Convener of the Environment Public Hearing Committee thanks Chairperson of the meeting, Government Officials, the officials who handled the online system at District Collector Office, Project Officials, NGOs working in the field of environment and on behalf of Chairperson of the meeting, declared that meeting is concluded.

The meeting ended extending thanks to the Chair.



(Nitin Shinde),  
Convener, Member,  
Environment Public Hearing Committee  
And  
Sub- Regional Officer, Pune-2,  
Maharashtra Pollution Control Board  
Pune



(Dr. Jayashree Katare)  
Chairperson,  
Environment Public Hearing Committee  
And  
Additional District Magistrate – Pune  
Dist – Pune



वन परिक्षेत्र अधिकारी, मंचर(प्रा) यांचे कार्यालय  
वनसावित्री उद्यान, अवसरी घाट तालुका आंबेगाव, जिल्हा पुणे

E- Mail rfomanchar@gmail.com



विषय - झाडांमधील अंतर प्रमाणित करून  
मिळणेबाबत..

जा./क्र./संकिर्ण/ १७६८/२०१९ - २०

मंचर ४१०५०३ दिनांक - ०२/१२/२०१९

संदर्भ - भीमाशंकर सहकारी साखर कारखाना लि. दिनांक- २९/११/२०१९.

वरील विषयी वनपाल धामणी व वनरक्षक लाखनगाव यांनी भीमाशंकर सहकारी साखर कारखाना परिसरात व सभोवताली १९.५३ हे.क्षेत्रात ६५०२ वृक्ष लागवड केलेल्या सोबत दर्शविलेल्या यादीतील फळझाडे इ.आंबा, नारळ, चिक्कू, जांभुळ, सीताफळ, आवळा, फणस इ.वृक्षामधील सरासरी अंतर ९ ते १० मी असून इतर प्रजातीतील ३ ते ४ मी. आहे.

तसेच शोभेच्या झाडातील अंतर २ ते ३ मी. आहे.लागवड केलेल्या वृक्षातील अंतर योग्य आहे.



(योगेश एस. महाजन)  
वनपरिक्षेत्र अधिकारी  
मंचर.

जाक्र/ताकृअ/ विस्तार/३६१५/२०१९  
तालुका कृषि अधिकारी , आंबेगाव  
(घोडेगाव ) दि. २ / १२ / २०१९

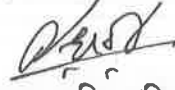
प्रति ,  
मा.कार्यकारी संचालक ,  
भिमाशंकर सहकारी साखर कारखाना ,  
पारगाव त.अवसरी बु .

विषय -- झांडामधील अंतर प्रमाणित करून मिळणेबाबत .

संदर्भ -- भिमाशंकर सहकारी साखर कारखाना पारगाव त.अवसरी बु यांचे कडील  
पत्र जाक्र /शेतकरी /२३८९/१९ दिनांक २७/११/१९.

उपरोक्त संदर्भीय विषयान्वये कळविण्यात येते की , भिमाशंकर सहकारी साखर कारखाना  
परिसरातील कार्यक्षेत्रामध्ये जास्तीत जास्त झाडे लावून परिसर हरीत करणेसाठी सोबत जोडलेल्या  
यादीप्रमाणे १९.५३ हे.आर क्षेत्रात ६५०२ वृक्ष लागवड केलेबाबतचे सहपत्र प्राप्त झाले आहे.

सदर सहपत्राचे अवलोकन केले असता सोबतच्या दोन झाडांमधील अंतर संयुक्तीक असलेले  
प्रमाणित करणेत येत आहे.

  
तालुका कृषि अधिकारी  
आंबेगाव (घोडेगाव) जि.पुणे

झाडांची नावे व अंतर तपशिल

अ.क्र.	झाडांची नावे	वृक्ष लागवड (संख्या)				प्रति वृक्ष आवश्यक अंतर (मी. X मी.)	प्रति वृक्ष (स्क्वेअर मी.)	वृक्ष लागवड क्षेत्र (हे.आर)
		२०१७-१८ (पुर्वीची)	२०१८-१९	२०१९-२०	आज अखेर एकूण			
१	नारळ	१७०	०	०	१७०	५ X ५	२५	०.४३
२	आंबा	१९	१०५	५५	१७९	१० X १०	१००	१.७९
३	चिकु	५८	०	०	५८	९ X ९	८१	०.४७
४	आवळा	३	५	०	८	६ X ६	३६	०.०३
५	फणस	७	०	०	७	८ X ८	६४	०.०४
६	कागदी लिंबू	२२	०	०	२२	५ X ५	२५	०.०६
७	सिताफळ	१३९	०	०	१३९	४ X ४	१६	०.२२
८	पेरू	२९	०	०	२९	६ X ६	३६	०.१०
९	जामुळ	२८	०	२५	५३	६ X ६	३६	०.१९
१०	चिंच	७	४०	६५०	६९७	८ X ८	६४	४.४६
११	डालींब	५	०	०	५	४ X ४	१६	०.०१
१२	कौठ	६	०	०	६	६ X ६	३६	०.०२
१३	बोर	११	०	०	११	४ X ४	१६	०.०२
१४	गुलमोहर	२३	५०	०	७३	८ X ८	६४	०.४७
१५	रेनट्री	१६	११०	०	१२६	८ X ८	६४	०.८१
१६	बॉटल पाग	२४१	२२	५०	३१३	५ X ५	२५	०.७८
१७	फिलोशिया पाम	१४	३	०	१७	५ X ५	२५	०.०४
१८	सप्तपर्णी	५२	४८	०	१००	८ X ८	६४	०.६४
१९	पित्त मोहर	१७	५६	०	७३	८ X ८	६४	०.४७
२०	वड	१२०	६	०	१२६	१० X १०	१००	१.२६
२१	अर्जुन	२९	२०	०	४९	८ X ८	६४	०.३१
२२	सिल्वर ओक	६	०	०	६	५ X ५	२५	०.०२
२३	काशिद	३५	३५	१०५	१७५	८ X ८	६४	१.१२
२४	सिसम	१२५	२०	०	१४५	८ X ८	६४	०.९३
२५	पिंपळ	१७	०	०	१७	८ X ८	६४	०.११
२६	फायकस	०	५०	०	५०	४ X ४	१६	०.०८
२७	बांबू	१२	०	०	१२	४ X ४	१६	०.०२
२८	करंज	३३	०	९०	१२३	८ X ८	६४	०.७९
२९	बॉटल ब्रश	१९	०	०	१९	४ X ४	१६	०.०३
३०	कडलींब	२००	०	९५	२९५	६ X ६	३६	१.०६
३१	बदाम	३०	०	०	३०	६ X ६	३६	०.११
३२	सुरु	३१	०	०	३१	६ X ६	३६	०.११
३३	अशोक	१९	०	०	१९	४ X ४	१६	०.१६
३४	स्पॅथोडिया	६	०	०	६	८ X ८	६४	०.०४
३५	कांचन (आपटा)	३९	०	१००	१३९	८ X ८	६४	०.८९
३६	सोनचाफा	५	०	०	५	४ X ४	१६	०.०१
३७	पांढरा चाफा	२१	०	०	२१	४ X ४	१६	०.०३
३८	उंबर	११	०	०	११	८ X ८	६४	०.०७
३९	निलगिरी	३४	०	०	३४	३ X ३	९	०.०३
४०	रामफळ	५४	०	०	५४	५ X ५	२५	०.०४
४१	सुबामळ	२१३	०	०	२१३	४ X ४	१६	०.३४
४२	शेवगा	१४	०	०	१४	३ X ३	९	०.०१
४३	अंजीर	२	०	०	२			
४४	पांगारा	३	०	०	३			
४५	चंदनी	७	०	०	७	४ X ४	१६	०.०१
४६	भेंडी	४	०	०	४	३ X ३	९	०.००
४७	बामुळ	६४	०	०	६४	६ X ६	३६	०.२३
४८	भोकर	१	०	०	१			

अ.क्र.	झांडाची नावे	वृक्ष लागवड (संख्या)				प्रति वृक्ष आवश्यक अंतर (मी. X मी.)	प्रति वृक्ष (स्क्वेअर मी.)	वृक्ष लागवड क्षेत्र (हे.आर)
		२०१७-१८ (पुर्वीची)	२०१८-१९	२०१९-२०	आज अखेर एकूण			
४९	पपई	८	०	०	८	३ X ३	९	०.०१
५०	बेल	३	०	०	३	६ X ६	३६	०.०१
५१	शेवरी	१२	०	०	१२	४ X ४	१६	०.०२
५२	देवदार	२७	०	०	२७	८ X ८	६४	०.१७
५३	हिमालया	२	०	०	२			
५४	बकवान	४	०	०	४			
५५	चेडुफळी	१	०	०	१			
५६	येहळा	२	०	०	२			
५७	पिचकारी	३६	०	०	३६	२ X २	४	०.०१
५८	सायर	५	०	०	५			
५९	करवंद	२	०	०	२			
६०	हिरडा	०	०	२५	२५	५ X ५	२५	०.०६
	एकूण	२१६३	५७०	११९५	३९२८			१९.१४
	बुशेस							
६१	जास्वंद	२८	०	०	२८	२ X २	४	०.०१
६२	तगर पांढरा	७१	०	०	७१	२ X २	४	०.०३
६३	बोगन वेल	४०२	०	०	४०२	२ X २	४	०.१६
६४	मोरपंखी	१३	०	०	१३	२ X २	४	०.०१
६५	रातराणी	३	०	०	३			
६६	प्राजक्ता	२	०	०	२			
६७	खिसमस	२	०	०	२			
	एकूण	५२१	०	०	५२१			०.२१
	फुलझाडे/ शोभेची झाडे							
६८	गुलाब	८८	०	०	८८	२ X १.५	३	०.०३
६९	लिली	४३	०	०	४३	२ X १.५	३	०.०१
७०	क्रोटॉन	५०	०	०	५०	२ X १.५	३	०.०२
७१	गोल्डन झोरांटा	५३८	०	०	५३८	१.५ X १.५	०	०.००
७२	लॅन्टीना व्हेरीगेटेड	८५	०	०	८५	१.५ X १.५	२.२५	०.०२
७३	क्रिपरवडेलिया	१००	०	०	१००			
७४	हिमेलिया	६३	०	०	६३	१.५ X १.५	२.२५	०.०१
७५	मोगरा	१२	०	०	१२	१ X १	१	०.००
७६	आबोली	३	०	०	३			
७७	कॅलेंडरा	२१२	०	०	२१२	१ X १	१	०.०२
७८	अँकॅलीफा	२३०	०	०	२३०	१ X १	१	०.०२
७९	डबल तगर	५८	०	०	५८	१ X १	१	०.०१
८०	अँलॅमॅडा	४१	०	०	४१	१ X १	१	०.००
८१	साबंर कांडी	३०	०	०	३०	१ X १	१	०.००
८२	रेबीन ग्रास	७५	०	०	७५	१ X १	१	०.०१
८३	मंकी ग्रास	२५	०	०	२५			
८४	केना	५०	०	०	५०			
८५	एक्यालिफा	३५०	०	०	३५०	१ X १	१	०.०४
	एकूण	२०५३	०	०	२०५३			०.१९
	एकूण एकंदर	४७३७	५७०	११९५	६५०२			१९.५३

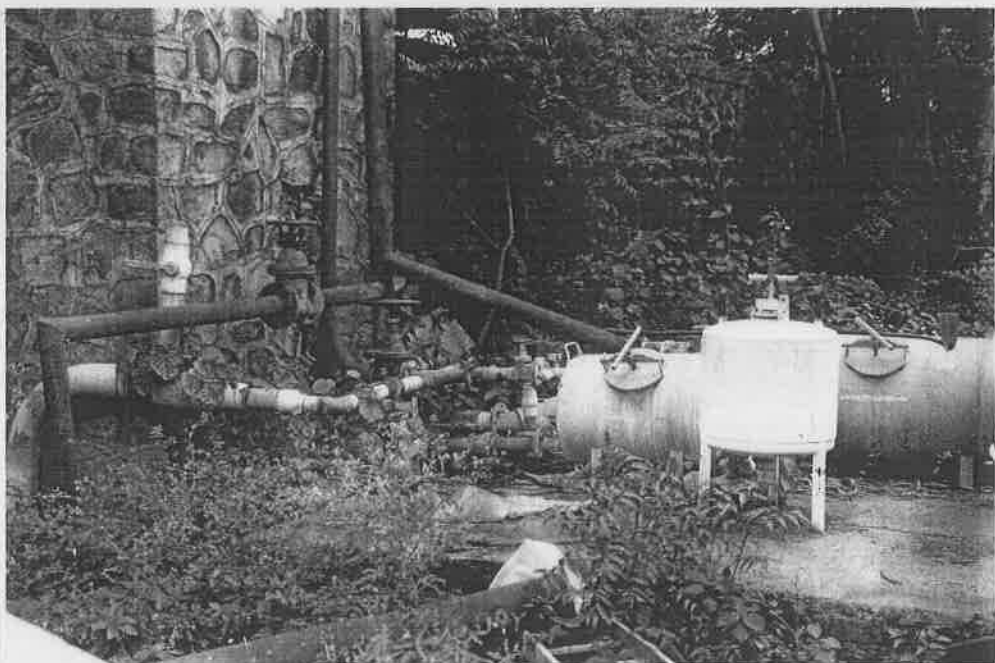
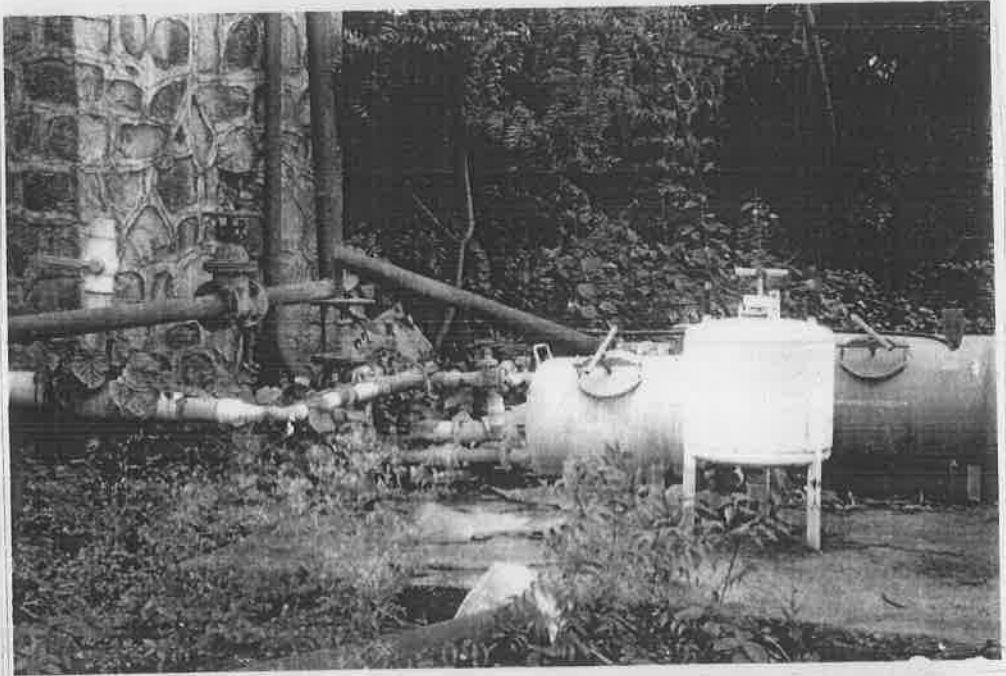
मुख्य विकास अधिकारी

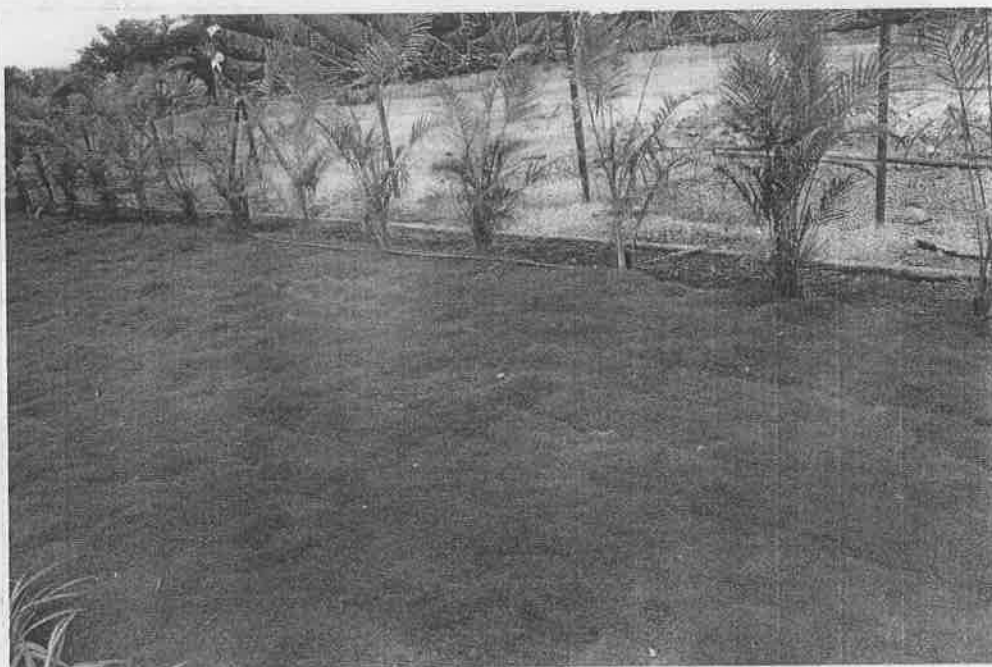
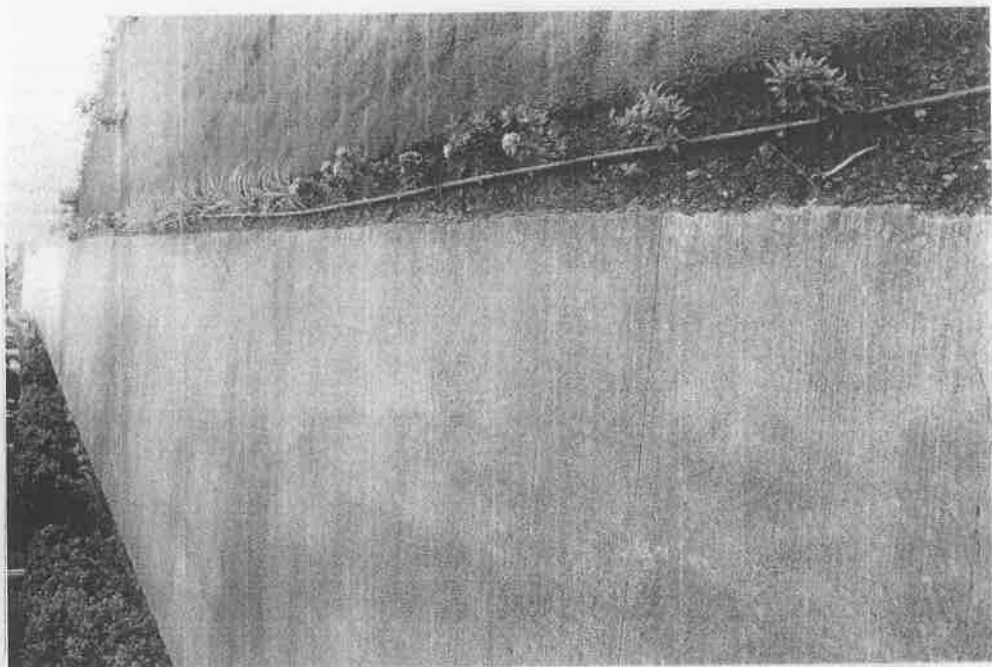
मुख्य शेतकी अधिकारी

कार्यकारी संचालक

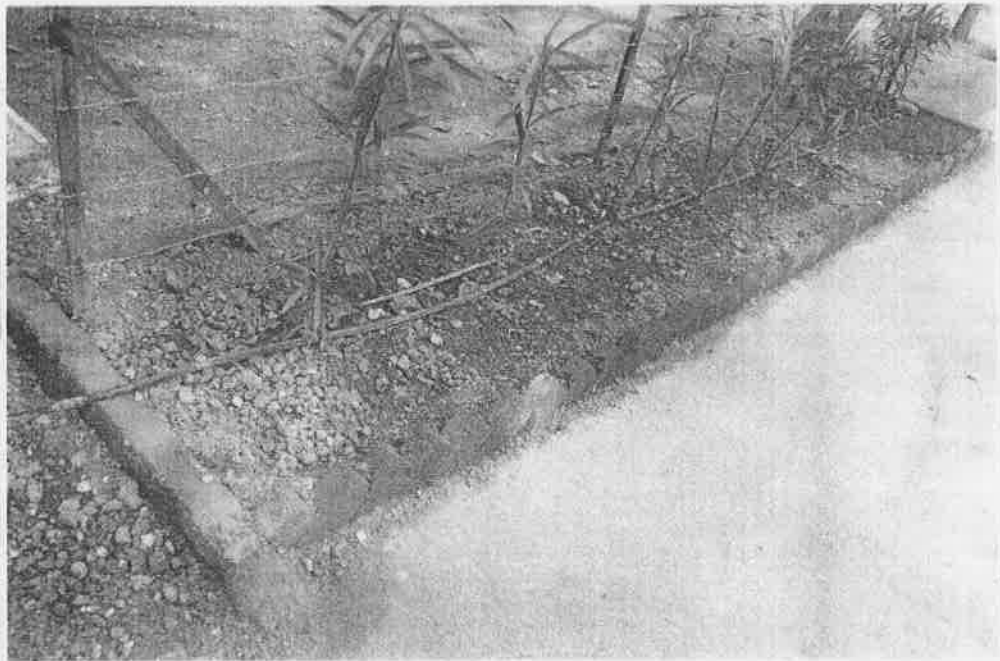
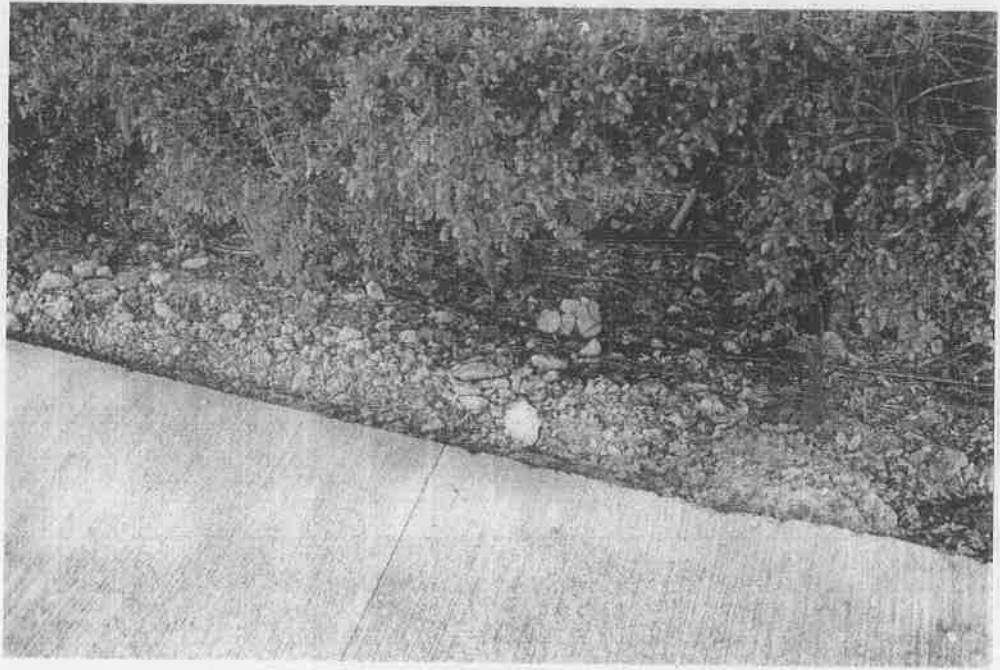
त्रालुका कृषि अधिकारी  
आंबेगाव (घोडेगाव), जि. पुणे

## Plantation & Drip Irrigation Photographs











## CO<sub>2</sub> Recovery Plant

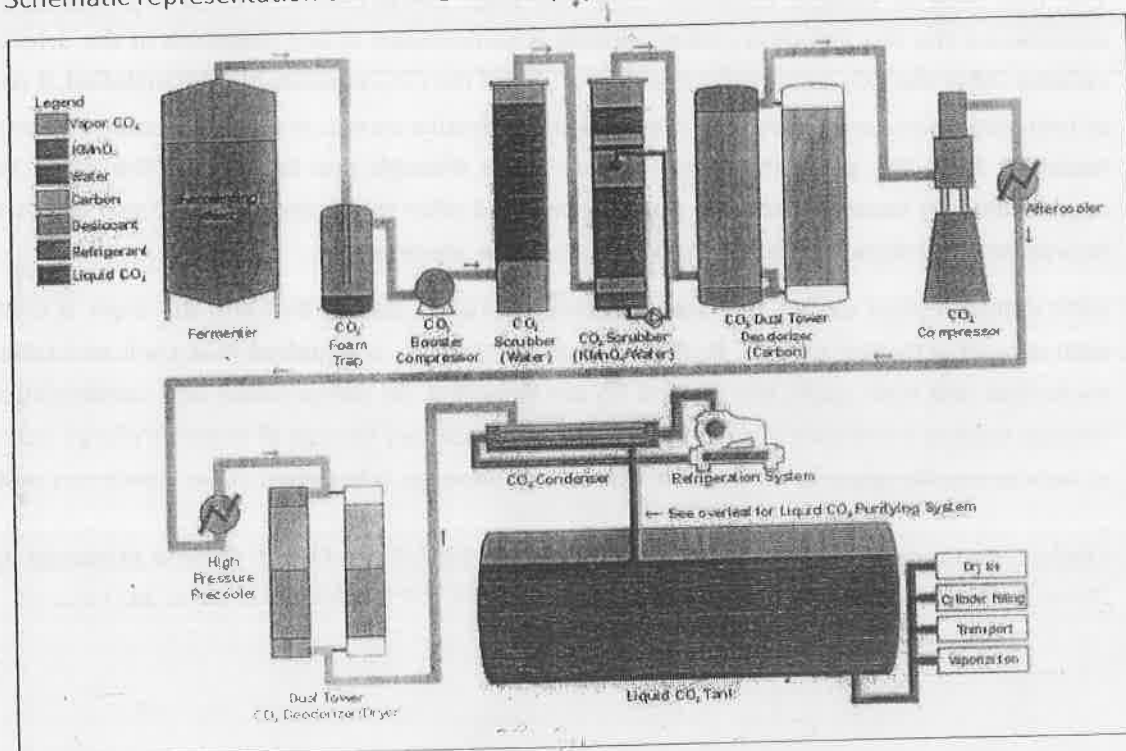
Karkhana has planned to set up 30 MT per day capacity Industrial CO<sub>2</sub> plant to bottle /store CO<sub>2</sub>. It is planned to prepare dry ice depending on market requirements. The liquid CO<sub>2</sub> stored in tanks will be supplied in CO<sub>2</sub> tankers to bulk consumers. The liquid CO<sub>2</sub> will be converted into dry ice, which has market for storage of perishable products like fruits, vegetables and meat.

Around 65-70 MT of CO<sub>2</sub> gas is generated (on B-Heavy molasses) which is vented out to atmosphere after scrubbing with water to recover traces of alcohol. Out of total CO<sub>2</sub> generated, industry has planned to collect the CO<sub>2</sub> from fermenters and process and compress it to produce about 28 MT of compressed CO<sub>2</sub>.

Industry has taken decision to set up 30 MT/day capacity liquid CO<sub>2</sub> plant in the distillery division to generate additional revenue from distillery section. This will help industry to pay higher cane price to the members. The liquid CO<sub>2</sub> plant has unique advantage of availability of raw material i.e. CO<sub>2</sub> gas free of cost from the distillery. The power and water required for liquid CO<sub>2</sub> is available with distillery complex. Thus, the cost of production of CO<sub>2</sub> will be much lower as compared to production from wood or coal.

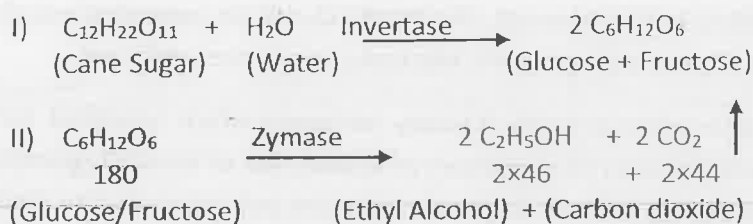
The distillery unit is located at about 45 km from Pune which is huge industrial hub where CO<sub>2</sub> is consumed on large scale. Cluster of automobile companies will increase the demand for the product. It is also near to Industrial Development Corporation Nasik where liquid CO<sub>2</sub> is consumed for foundry, beverages and CO<sub>2</sub> welding operations. As the infrastructure and roads are being developed across the state of Maharashtra, the industry can also supply the product to several industrial areas in and around Pune/Mumbai.

Schematic representation of the CO<sub>2</sub> recovery system is shown as Figure 2.8



CO<sub>2</sub> Recovery System

B Heavy molasses contains about 58 - 60% total sugars, of which 55 to 58% are fermentable sugar. During the fermentation, yeast strains to the species *Saccharomyces cerevisiae*, a living microorganism belonging to class fungi converts sugar present in the molasses such as sucrose or glucose in to alcohol and carbon di-oxide. Chemically this transformation for sucrose to alcohol can be approximated by the equation:



Thus, 180 g of sugars on reaction gives 88 g of carbon di-oxide. Therefore, 1 MT of fermentable sugar gives 488.88 (489.00) kg of carbon di-oxide. The gas generated from the fermentation process will be passed through foam trap vessel. Separation of foam and removal of sugar aerosols by internal water spraying system takes place here. The fermenter CO<sub>2</sub> gas generated at less than one atmospheric pressure will be boosted to higher pressure. The pressurized CO<sub>2</sub> gas will be passed through water scrubber to remove water soluble impurities mainly alcohol. Subsequently it is passed through KMnO<sub>4</sub> tower to remove acetaldehyde and oxidisable impurities. The purified gas is then stored in a balloon which provides a buffer for CO<sub>2</sub> compressor. The gas is then passed through activated charcoal /carbon filter to remove odour.

The clean gas is then subjected to high pressure compression in compressor and after cooler and high pressure pre-cooler. For removal of traces of moisture the liquid CO<sub>2</sub> is passed through molecular sieve beds of Zeolite 3A. The moisture free gas is then stored in liquid CO<sub>2</sub> tank.

The first step of volume reduction is a two-stage compression. With a dry-running piston compressor the fermentation carbon dioxide is compressed to one sixteenth of the original gas volume. After the CO<sub>2</sub> compressor the drying unit of the CO<sub>2</sub> recovery plant is installed. It consists of two adsorption tanks filled with drying agent molecular sieves. In order to remove the residual moisture from the gas, the carbon dioxide flows through one tank while the other tank is regenerated by heater. In the gas purifier, installed after the drying unit and also consisting of two vessels, substances influencing odour and taste are removed.

With identical plant design, the only difference between the purifier and the dryer is the filling with special activated carbon. In the next phase the CO<sub>2</sub> is liquefied in a shell and tube heat exchanger and inert gases like O<sub>2</sub> and N<sub>2</sub> are removed. By compression and condensation the storage volume is reduced to such an extent that temporary storage of even very large quantities of carbon dioxide requires little space. The compressed gas is liquefied in the condenser and then

collected in a storage tank. Thus, the distillery can collect the carbon dioxide produced during fermentation over several days and can then use it for the production process as required.



On the basis of present market price and anticipated escalations up to the scheduled date of commissioning, the capital cost of the proposed scheme at a capacity of 95 KLPD will be Rs. 9929.54 lakh approximately. Environment management cost will be around Rs. 3.43 Cr. & recurring cost will be 23 Lakhs.

Table 10.7: Environmental Management Cost

No	Construction phase (with Break-up)	Capital Cost	O & M
		(Amount in lakhs)	(Amount in lakhs)
1.	Environmental monitoring	-	1.5
2.	Air Environment	-	0.5
3.	Health Check Up	-	1.5
4.	Occupational Health	-	2.5
	<b>Total</b>	-	<b>6</b>
Sr. No	Operation Phase (with Break-up)	Capital Cost	O & M
		(Amount in lakhs)	(Amount in lakhs)
1.	Air pollution - Electrostatic precipitator	150	2.5
2.	CPU	120	1.5
3.	Environmental Monitoring (Air, water, waste water, Soil, Solid waste, Noise)	-	3
4.	Occupation health & safety	3	5
5.	Green belt development	35	8
6.	Solid waste Management	-	1.5
7.	Rain water Harvesting	35	1.5
	<b>Total</b>	<b>343</b>	<b>23</b>

1. The first part of the report is a general  
description of the project and its objectives.  
2. The second part is a detailed description of the  
methodology used in the study.  
3. The third part is a description of the results  
of the study.  
4. The fourth part is a discussion of the results  
and their implications.  
5. The fifth part is a conclusion and a list of  
references.

# **BHIMASHANKAR SAHAKARI SAKHAR KARKHANA LTD.**

Plot - 1, Dattatrayanagar, Parganva Via, Awasari Bk., Tal - Ambegaon, Dist - Pune, Pin - 412406 (Maharashtra)  
Phone No. - 9975568130, 8888846990 E-mail - bsskltd@gmail.com, Web site - www.bhimashankarsk.com

## **Tender Notice for Civil Works**

Sealed percentage rate tenders in B-1 form are invited for the following works from reputed & experienced Contractors registered with Government Department in appropriate class and having similar type of work experience on or before 19/07/2024 upto 4.00 p.m. The terms & Conditions are as follows:

Sr. No.	Name of Work	Estimated Cost (Rs.)	EMD (Rs.)
1	Repairing work for Carriage office	2,66,771/-	2,870/-
2	Construction of Nivara Shedi for College At Karkhana	2,08,790/-	2,090/-
3	Providing & fixing Gate shed at Bhasse Ward compound	3,13,516/-	5,155/-
4	Construction of Septic tank and Plumbing sanitary work At 1 <sup>st</sup> type Colony	1,27,094/-	3,270/-
5	Construction of Toilet Block unit for Z.P. School at Kathapur BK	5,00,000/-	5,000/-
6	Construction of new monitor Room and Ramp for 80 MT weigh bridge	6,81,947/-	6,820/-
7	Construction of 80 MT weigh bridge foundation	8,54,740/-	8,545/-
8	Construction of All R Masonry Chamber for Drainage Line Near English Medium School At Karkhana	8,10,974/-	8,100/-
9	Construction of Toilet Block unit for New English School at Lakhnagaon	8,61,008/-	8,610/-
10	Construction of Toilet Block unit for Sangameshwar Secondary and Higher Secondary School at Parganva Shingve	8,61,008/-	8,610/-
11	Construction of Toilet Block unit for Bhairavnath Secondary and Higher Secondary School at Lion	8,61,008/-	8,610/-
12	Construction of Toilet Block unit for Z.P. School at Shingve	8,61,008/-	8,610/-
13	Construction of Toilet Block unit for Mamasabai Mohai Vidhyalya at Pondewadi	8,61,008/-	8,610/-
14	Construction of Toilet Block unit for Narimbi Vidhyalya at Wajur	8,61,008/-	8,610/-
15	Construction of Toilet Block unit for Vishwakas Mandir at Awasari BK	8,61,008/-	8,610/-
16	Construction of Toilet Block unit for Kabbharnath Vidhyalya at Chudaki	8,61,008/-	8,610/-
17	Repairing work of school Building at J.N.V. Vidhyalya and D.G. Walse Path Higher Secondary school at Nandurkar	10,00,000/-	10,000/-
18	Construction of R.C.C. Guard Wall to Santosh A. ware House At Site	5,54,946/-	5,550/-

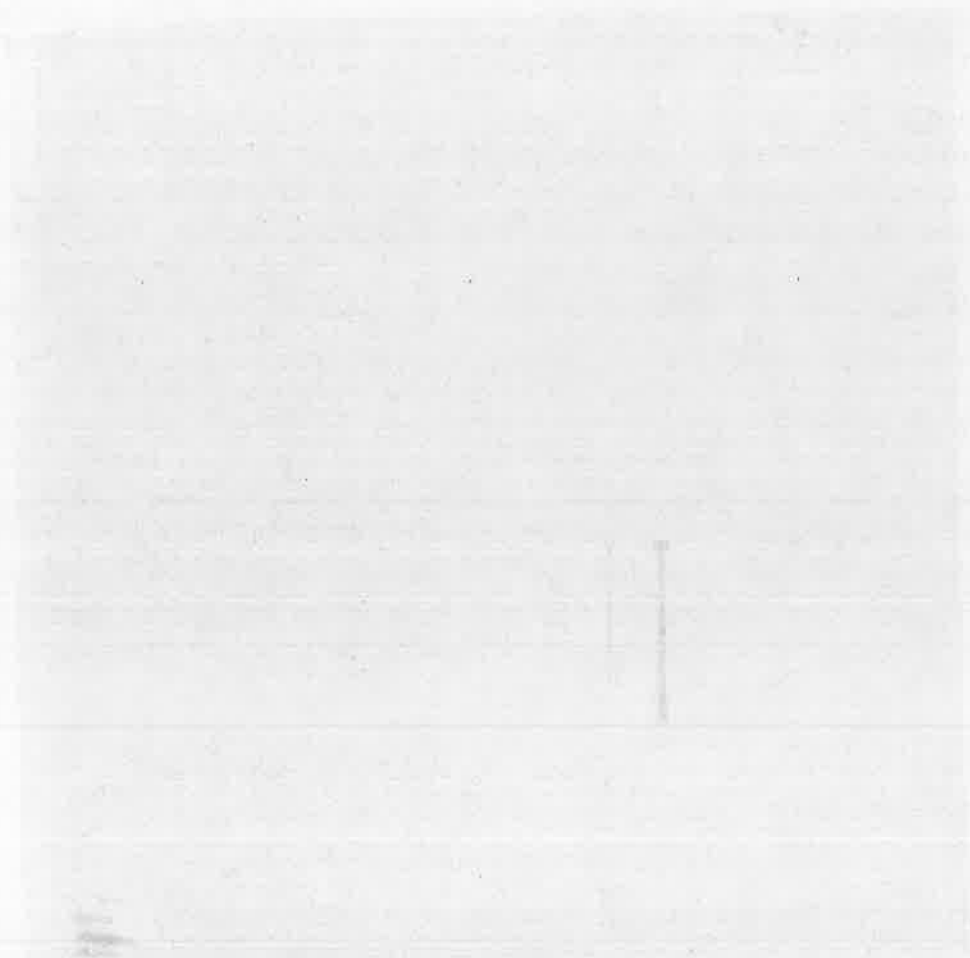
**Terms & Conditions:** (1) Details of the work to be carried out along with the blank tender forms will be available during working hours from 03/07/2024 to 16/07/2024 upto 4.00 PM on payment of Tender Cost (Rs. 500/-) for each work. (2) 18% extra in cash RTGS from Karkhana Office (including Holiday) Thursday is our holiday. (3) Time limit is 30 Days (4) Lack of registrations should be Sr No 1 to 23 IX, Sr No 24 to 5 VIII and Sr No 6 to 18 VII & above. (5) The tenders will be accepted in two envelopes enclosed in third sealed envelope at Karkhana Office. (6) The contractor should apply in writing giving details of his registration, past experience & Income Tax Clearance Certificate. (7) Conditional tenders will not be accepted in any case. (8) Karkhana reserves the right to reject any or all tenders without assigning any reason. (9) Sealed Tenders opening date will be communicated separately.

Managing Director

Vice Chairman

Chairman





कार्यकारी संचालक, भीमाशंकर सहकारी साखर कारखाना लि. दत्तात्रयनगर पारगांव तर्फे अवसरी बु., ता. आंबेगांव, जि. पुणे यांनी Corporate Environment Responsibility (CER) अंतर्गत करावयाच्या प्रस्तावित केलेल्या कामांबाबत मा. जिल्हाधिकारी पुणे यांचे अध्यक्षतेखाली दिनांक २४/०८/२०२३ रोजी झालेल्या बैठकीचा इतिवृत्तांत.

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१. कार्यकारी संचालक, भीमाशंकर सहकारी साखर कारखाना लि. दत्तात्रयनगर पारगांव तर्फे अवसरी बु., ता. आंबेगांव, जि. पुणे यांनी Corporate Environment Responsibility (CER) अंतर्गत करावयाच्या प्रस्तावित केलेल्या कामांबाबतच्या प्रस्तावाचे अनुषंगाने मा. जिल्हाधिकारी पुणे यांचे अध्यक्षतेखाली दिनांक २४/०८/२०२३ रोजी बैठक आयोजित करणेत आली. सदर बैठकीस खालील अधिकारी उपस्थित होते:-

अ.क्र.	अधिकाऱ्यांचे नांव व पदनाम	कार्यालयाचे नांव
१.	डॉ. राजेश देशमुख, मा. जिल्हाधिकारी	जिल्हाधिकारी कार्यालय पुणे
२	श्रीमती. एस.डी.दबडे, अधीक्षक	माध्यमिक शिक्षण विभाग पुणे विभाग पुणे
३	श्री. अजित कुन्हाडे, तहसिलदार महसूल	जिल्हाधिकारी कार्यालय पुणे
४	श्री. किशोर पांडुरंग तिजारे	भीमाशंकर सहकारी साखर कारखाना पारगांव तर्फे अवसरी बु.

२. सर्वप्रथम मा. जिल्हाधिकारी यांनी उपस्थितांचे स्वागत करून बैठकीस सुरुवात केली.

३. तदनंतर श्री. किशोर पांडुरंग तिजारे यांनी CER अंतर्गत प्रस्तावित केलेल्या कामांबाबतच्या प्रस्तावाबाबत नमूद केले.

४. तसेच पर्यावरण, वन एवं जल वायु परिवर्तन मंत्रालय, नवी दिल्ली यांचे परिपत्रक दिनांक १/०५/२०१८ बाबत सविस्तर माहिती बैठकीत दिली. सदर परिपत्रकामध्ये स्थानिक गरजेनुसार नवीन कामे व अस्तित्वातील कामांमध्ये बदल करण्याचे अधिकार जिल्हाधिकारी यांना देण्यात आले असलेबाबत नमूद केले.

५. सदर प्रस्तावित कामांबाबत बैठकीमध्ये सविस्तर चर्चा करणेत येवून त्यानुसार खालील प्रमाणे कामांस मंजूरी देणेत आली :-

अ.क्र.	कामाचे नांव	गावाचे नांव	करावयाच्या कामाचा तपशिल	कामाची अंदाजित रक्कम (करविरहीत)
१	न्यू इंग्लिश स्कूलकरीता शौचालय युनिट बांधणे	लाखनगांव	मुलींसाठी १ टॉयलेट ब्लॉक (३ टॉयलेट व चेंजिंग रुम-१, वॉशबेसिन) व मुलांसाठी १ टॉयलेस ब्लॉक (२ टॉयलेट व युरीनल-३, वॉशबेसिन-१)	८,६१,००८/-
२	संगमेश्वर माध्य. व उच्च माध्य. विद्यालयासाठी शौचालय युनिट बांधणे	पारगांव	मुलींसाठी १ टॉयलेट ब्लॉक (३ टॉयलेट व चेंजिंग रुम-१, वॉशबेसिन) व मुलांसाठी १ टॉयलेस ब्लॉक (२ टॉयलेट व युरीनल-३, वॉशबेसिन-१)	८,६१,००८/-
३.	भैरवनाथ माध्य. व उच्च माध्य. विद्यालयासाठी शौचालय युनिट बांधणे	लोणी	मुलींसाठी १ टॉयलेट ब्लॉक (३ टॉयलेट व चेंजिंग रुम-१, वॉशबेसिन) व मुलांसाठी १ टॉयलेस ब्लॉक (२ टॉयलेट व युरीनल-३, वॉशबेसिन-१)	८,६१,००८/-

४.	जिल्हा परिषद प्राथमिक शाळा काठापूर बु.	काठापूर बु.	मुलींसाठी १ टॉयलेट ब्लॉक (३ टॉयलेट व चेंजिंग रुम-१, वॉशबेसिन)	५,००,०००/-
५.	जिल्हा परिषद प्राथमिक शाळा शिंगवे	शिंगवे	मुलींसाठी १ टॉयलेट ब्लॉक (३ टॉयलेट व चेंजिंग रुम-१, वॉशबेसिन) व मुलांसाठी १ टॉयलेस ब्लॉक (२ टॉयलेट व युरीनल-३, वॉशबेसिन-१)	८,६९,००८/-
६.	मामासाहेब मोहोळ माध्य. विद्यालयासाठी शौचालय युनिट बांधणे	पोंदेवाडी	मुलींसाठी १ टॉयलेट ब्लॉक (३ टॉयलेट व चेंजिंग रुम-१, वॉशबेसिन) व मुलांसाठी १ टॉयलेस ब्लॉक (२ टॉयलेट व युरीनल-३, वॉशबेसिन-१)	८,६९,००८/-
७.	नरसिंह विद्यालय रांजणी भाग शाळा वळती येथे शौचालय युनिट बांधणे	वळती	मुलींसाठी १ टॉयलेट ब्लॉक (३ टॉयलेट व चेंजिंग रुम-१, वॉशबेसिन) व मुलांसाठी १ टॉयलेस ब्लॉक (२ टॉयलेट व युरीनल-३, वॉशबेसिन-१)	८,६९,००८/-
८.	विद्या विकास मंदीर माध्य. विद्यालयासाठी शौचालय युनिट बांधणे	अवसरी बु.	मुलींसाठी १ टॉयलेट ब्लॉक (३ टॉयलेट व चेंजिंग रुम-१, वॉशबेसिन) व मुलांसाठी १ टॉयलेस ब्लॉक (२ टॉयलेट व युरीनल-३, वॉशबेसिन-१)	८,६९,००८/-
९.	काळभैरवनाथ माध्य. विद्यालयासाठी (सौ. लक्ष्मीबाई बाबुराव बांगर) शौचालय युनिट बांधणे	खडकी	मुलींसाठी १ टॉयलेट ब्लॉक (३ टॉयलेट व चेंजिंग रुम-१, वॉशबेसिन) व मुलांसाठी १ टॉयलेस ब्लॉक (२ टॉयलेट व युरीनल-३, वॉशबेसिन-१)	८,६९,००८/-
१०.	पंडीत जवाहरलाल नेहरू माध्य. व द.गो.वळसे पाटील उच्च माध्यमिक विद्यालयासाठी शौचालय युनिट बांधणे	निरगुडसर	इमारतीचे पत्रे बदलणे, कलरिंग करणे, फरशी बसविणे इ. सुधारणा करणे.	१०,००,०००/-
११.	जिल्हा परिषद शाळा	नागापूर	वृषारोपन करणे	१०,००,०००/-
			एकुण -	९३,८८,०६४/-

६. वरीलप्रमाणे Corporate Environment Responsibility (CER) अंतर्गत करावयाच्या प्रस्तावित केलेल्या कामास सदरचा निधी खर्च करणेस बैठकीमध्ये मान्यता देणेत आलेली आहे.

८. तसेच वरील प्रस्तावित कामांचे संनियंत्रण व अभिलेख हे मुख्य कार्यकारी अधिकारी, जिल्हा परिषद पुणे व उपसंचालक, माध्यमिक शिक्षण विभाग पुणे यांनी ठेवावयाचे असून त्याबाबतचा अहवाल यथावकाश जिल्हाधिकारी पुणे यांचेकडे सादर करावयाचा आहे.

वरीलप्रमाणे सदर बैठकीत चर्चा होवून तदनंतर जिल्हाधिकारी यांनी उपस्थितांचे आभार मानून बैठक संपल्याचे जाहीर केले.

दिनांक :- २४/०८/२०२३

ठिकाण :- पुणे

सही/-X-X-X

(डॉ. राजेश देशमुख)

जिल्हाधिकारी पुणे

जिल्हाधिकारी कार्यालय पुणे

(महसूल शाखा)

जा.क्र. पमन/CER/एसआर/०२/२०२३

दिनांक : ०१/०९/२०२३.

प्रत : १. मुख्य कार्यकारी अधिकारी, जिल्हा परिषद पुणे

२. उपसंचालक, माध्यमिक शिक्षण विभाग, पुणे विभाग पुणे

३. कार्यकारी संचालक, भीमाशंकर सहकारी साखर कारखाना लि. दत्तात्रयनगर, पारगांव तर्फे अवसरी बु., ता. आंबेगांव, जि. पुणे

स्थळप्रतीवर मा. जिल्हाधिकारी सो.

यांची स्वाक्षरी असे.



(ज्योती कदम)

निवासी उपजिल्हाधिकारी

जिल्हाधिकारी कार्यालय पुणे

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(REGD. NO.:P.N.A/A.G.N/P.R./G.(A) S-47/1994 DT.31/3/1994) **GSTIN : 27AAAAB0949G1ZZ**

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जा.क्र.: भीमाशंकर / सिव्हील / १४६४ / २०२४-२५

दि: १९/०७/२०२४

वर्कऑर्डर

प्रति,

श्री प्रमोद भगवान वाघ,

मु.पहाडदरा, पो. धामणी

ता.आंबेगाव, जि.पुणे

विषय :- मौजे काठापूर बु. येथील जि. प. प्राथमिक शाळेसाठी शौचालय युनिटचे बांधकाम करणेच्या कामाबाबत..

महोदय,

वरील विषयास अनुसरून, कारखान्यामार्फत मौजे काठापूर बु. येथील जि. प. प्राथमिक शाळेसाठी शौचालय युनिटचे बांधकाम करणेच्या कामासाठी आपण सादर केलेली निविदा व त्यावर मा. कार्यकारी समिती सभा दि.२२/०७/२०२४ मध्ये आपणाशी समक्ष झालेल्या चर्चेनुसार सदर काम आपणास एस्टिमेट रक्कम रु. ५,००,०००/- पेक्षा ११.५०% कमी दराने मंजूर करण्यात आले आहे

कामाच्या अंती व शर्ती खालीलप्रमाणे राहतील

१) कामाची मुदत १ महिना राहिल.

२) कामासाठी लागणारे सर्व साहित्य व मजूर आपण स्वतः आणावयाचे आहेत.

३) काम चालू असताना कारखाना मालमत्तेचे नुकसान झाल्यास त्याची भरपाई आपणाकडून करण्यात येईल. मजुरांचा अपघात झाल्यास त्याची सर्वस्वी जबाबदारी आपली राहिल कारखान्याची कोणतीही जबाबदारी राहणार नाही.

४) कामाच्या बिलाच्या एकूण ५% रक्कम रेग्युलर सिक्युरिटी डिपॉझिट म्हणून कपात करण्यात येईल.

सदर सिक्युरिटी डिपॉझिट रक्कम १२ महिन्यांचा डिफेक्ट लायबिलिटी पिरियड संपल्यानंतर अदा केली जाईल.

५) सदर निविदा एस्टिमेट रक्कमेच्या उणे १०% पेक्षा जास्त (उणे ११.५०%) असल्याने १०% कमी

दरापर्यंत १% व १५% कमी दरापर्यंत १५.००% -१०% =५.००% नुसार ११.५०% -१०% =१.५०% असे

एकूण १+१.५०= २.५०% अॅडीशनल परफॉर्मन्स सिक्युरिटी डिपॉझिट रु. १२,५००/- रक्कमेचा भरणा करावा.

अॅडीशनल परफॉर्मन्स सिक्युरिटी डिपॉझिट रक्कम भरणा केल्यानंतरच काम सुरु करण्यास परवानगी देण्यात

येईल. सदरची रक्कम काम पूर्ण झाल्यानंतर कामाच्या अंतिम बिलासोबत अदा करण्यात येईल.

६) केंद्र व राज्य शासनाच्या कर विषयक धोरणानुसार वरील कामास लागू असलेला जी.एस.टी.

आपणास स्वतंत्र अदा केला जाईल याकरीता जी.एस.टी.साठी विहित नमुन्यात बिल सादर करावे

लागेल व जी.एस.टी.चा भरणा करून भरणा रिशीट कारखान्याकडे जमा करावी.

*Bhushan*  
30/0



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- ७) कामासाठी लागणारे आवश्यक मटेरियल कारखाना स्टोअर्समध्ये उपलब्ध असल्यास कारखाना दराने देण्यात येईल व त्याची वसुली बिलातून करण्यात येईल.
  - ८) कामाचे कालावधीत आपण लेखी स्वरूपात मागणी केल्यास कामाच्या आवश्यकतेनुसार डिझेल पंपावरून कारखान्याने ठरविलेल्या दराप्रमाणे उधारीने डिझेल देण्यात येईल व डिझेलची होणारी रक्कम बिलातून वसूल केली जाईल.
  - ९) कामासाठी लागणारे पाणी व लाईटची व्यवस्था आपण स्वतः करावयाची आहे.
  - १०) आपलेकडे काम करणाऱ्या सर्व कामगारांच्या सुरक्षिततेच्या दृष्टीने आवश्यक असणारी साधने उदा. सेफ्टी बेल्ट, हेल्मेट, हॅड ग्लोज इ. वापरणे आपणास बंधनकारक आहे.
  - ११) आपलेकडे काम करणाऱ्या सर्व मजुरांचा एम्प्लॉयमेंट कॉम्पेन्सेशन ॲक्टनुसार विमा घ्यावा लागेल व विमाकागदपत्रे सादर केल्यानंतरच काम सुरु करणेस परवानगी दिली जाईल.
  - १२) करारनामा करणेसाठी रु.५००/- चा स्टॅम्प पेपर त्वरीत सादर करावा.
- तरी आपण सिव्हील विभागाशी संपर्क साधून त्वरीत कामास सुरुवात करावी.

प्र. कार्यकारी संचालक

प्रत:- अकौंट / सिव्हील / मास्टर



# Bhimashankar Sahakari Sakhar Karkhana Ltd

Dattatrayanagar, Pargaon, Via Awasari Bk, Tal-Ambegaon, Dist-Pune

Name of Work : Construction of Toilet block for ZP School At- Kathapur Bk Tal-Ambegaon Dist-Pune

Name of Contractor : PRAMOD BHAGWAN WAGH AT-PAHADDARA

ABSTRACT SHEET

ESTIMATED COST-500000.00

RA BILL NO: 1st and Final RA BILL

Item No.	Tender Qty	Description	Quantity			Rate	Unit	Previous Bill Amt	This Bill Amount	Up to Date Amount
			Previous Bill Qty	This Bill Qty	Up to Date Qty					
1	8.608	ITEM NO. : 1 Excavation for foundation in earth, soil of all types sand, gravel and soft murum, including removing the excavated material up to a distance of 50 m. beyond	0.00	9.43	9.43	207.00	Cum	0.00	1952.01	1952.01
2	4.493	ITEM NO. : 2 Excavation for foundation in hard murum including removing the excavated material upto distance of 50	0.00	4.34	4.34	227.00	Cum	0.00	985.18	985.18
3	1.380	ITEM NO. : 3 Providing and laying Cast in situ/Ready Mix cement concrete in M-10 of trap/ granite/ quartzite/ gneiss metal for foundation and bedding including bailing out	0.00	2.49	2.49	6029.35	Cum	0.00	15013.08	15013.08
4	8.366	ITEM NO. : 4 Providing uncoursed rubble masonry of trap / granite / quartzite / gneiss stones in cement mortar 1:6 in foundation and plinth of inner walls / in	0.00	9.73	9.73	5410.55	Cum	0.00	52644.65	52644.65
5	1.992	ITEM NO. : 5 Providing second class Burnt Brick masonry with conventional / I.S. type bricks in cement mortar 1:6 in foundations and plinth of inner walls / in plinth external	0.00	1.86	1.86	8084.80	Cum	0.00	15037.73	15037.73
6	12.431	ITEM NO. : 6 Providing second class Burnt Brick masonry with conventional / I.S. type bricks in cement mortar 1:6 in superstructure including striking joints, raking out joints,	0.00	11.97	11.97	8323.80	Cum	0.00	99635.89	99635.89
7	4.493	ITEM NO. : 7 Filling in plinth and floors with approved excavated material in 15cm. to 20cm. layers including watering and compacted etc. complete. (INo21-36)	0.00	2.17	2.17	120.00	Cum	0.00	260.40	260.40
8	3.481	ITEM NO. : 8 Filling in plinth and floors with contractors material/brought from outside and approved by Engineer incharge in layers of 15cm. to 20cm. including watering and	0.00	14.42	14.42	599.00	Cum	0.00	8637.58	8637.58
9	0.768	ITEM NO. : 9 Providing and laying Cast in situ/Ready Mix cement concrete M-20 of trap / granite / quartzite / gneiss metal for R.C.C.	0.00	1.75	1.75	12461.50	Cum	0.00	21807.63	21807.63
10	1.915	ITEM NO. : 10 Providing and laying Cast in situ/Ready Mix cement concrete M-20 of trap/ granite / quartzite/ gneiss metal for R.C.C. slabs and landings as per detailed	0.00	3.63	3.63	14135.50	Cum	0.00	51311.87	51311.87
11	0.233	ITEM NO. : 11 Providing and fixing in position TMT - FE - 500 bar reinforcement of various diameters for R.C.C. pile caps,	0.00	0.31	0.31	89823.00	MT	0.00	28202.35	28202.35
12	6.060	ITEM NO. : 12 Providing internal cement plaster 12mm thick in single coat in cement mortar 1:4 without neeru finish to concrete or	0.00	85.28	85.28	281.85	SQMT	0.00	24036.17	24036.17
13	56.998	ITEM NO. : 13 Providing sand faced plaster externally in cement mortar using approved screened sand, in all positions including	0.00	47.56	47.56	647.50	SQMT	0.00	30795.10	30795.10
14	33.902	ITEM NO. : 14 Providing neeru finish to plastered surfaces in all positions including scaffolding and curing etc. complete. (INo32-	0.00	51.56	51.56	65.00	SQMT	0.00	3351.40	3351.40
15	9.990	ITEM NO. : 15 Providing and fixing Black granite of 18 to 20 mm thick for door frame/ dado/ window boxing etc. On C.M. 1:6	0.00	9.42	9.42	2367.00	SQMT	0.00	22297.14	22297.14
16	0.038	ITEM NO. : 16 Providing and fixing frame with / without ventilator of size as specified with Country non teak wood for doors and	0.00	0.00	0.00	107112.00	Cum	0.00	0.00	0.00
17	1.890	ITEM NO. : 17 Providing and fixing solid core flush door shutter commercial in single leaf 32mm thick without ventilator commercial	0.00	0.00	0.00	2913.00	SQMT	0.00	0.00	0.00
18	6.300	ITEM NO. : 18 Providing and fixing Solid fiber glass reinforced polyster door shutter 35 mm thick as per IS 14856 (2000)	0.00	3.15	3.15	3495.00	SQMT	0.00	11009.25	11009.25
19	1.350	ITEM NO. : 19 Providing and fixing in position powder coated aluminium louvered windows / ventilator of various sizes with	0.00	2.97	2.97	3467.00	SQMT	0.00	10296.99	10296.99
20	33.902	ITEM NO. : 20 Providing and applying plastic emulsion paint of approved quality, colour and shade to old & new surfaces in two	0.00	51.56	51.56	80.00	SQMT	0.00	4124.80	4124.80
21	56.998	ITEM NO. : 21 Providing and applying two coats of exterior acrylic emulsion paint conforming to corresponding I.S. of approved	0.00	47.56	47.56	261.00	SQMT	0.00	12413.16	12413.16
22	0.000	ITEM NO. : 22 Providing and applying texture plaster with finishing with Putina / Rustic texture material ( with texture material	0.00	0.00	0.00	0.00	SQMT	0.00	0.00	0.00

3	10.896	ITEM NO. : 23 Providing and laying Antiskid Ceramic tiles of approved quality of size 30 cm x 30 cm and confirming to IS 15622-	0.00	18.43	18.43	1285.45	SQMT	0.00	22216.44	22216.44
4	41.286	ITEM NO. : 24 Providing and laying ceramic tiles having size 30 cm X 30 cm, For dado and skirting in required position with	0.00	27.04	27.04	1250.35	SQMT	0.00	34079.86	34079.86
5	0.000	ITEM NO. : 25 Providing and fixing machine cut mirror polished 18 mm to 20 mm thick telephone black / Amba White / Cal bary	0.00	0.00	0.00	4010.00	SQMT	0.00	0.00	0.00
6	1.000	ITEM NO. : 26 Providing and fixing C.P. BIB cock with wall flange of approved make including necessary sockets/ union nut etc	0.00	1.00	1.00	1193.00	Nos	0.00	1193.00	1193.00
7	4.000	ITEM NO. : 27 Providing and fixing 15 mm dia. Screw down bib/ stop tap of brass including necessary socket union nut	0.00	5.00	5.00	671.00	Nos	0.00	3355.00	3355.00
8	3.000	ITEM NO. : 28 Providing and fixing Orissa type white glazed earthenware 57.5 mm water closet pan including S trap with	0.00	2.00	2.00	807.00	Nos	0.00	8014.00	8014.00
9	3.000	ITEM NO. : 29 Providing and Fixing half turn 25 mm dia gun metal flushing cock including all accessories etc.	0.00	0.00	0.00	953.00	Nos	0.00	0.00	0.00
0	8.400	ITEM NO. : 30 Providing and fixing 75 mm dia. stabiliser pipe/ P.V.C. soil vent/waste pipe and with necessary fixtures and fitting	0.00	0.00	0.00	607.00	RMT	0.00	0.00	0.00
1	4.611	ITEM NO. : 31 Providing and fixing 100 mm dia. stabiliser pipe/ P.V.C. soil vent/waste pipe and with necessary fixtures and fitting	0.00	10.63	10.63	788.00	RMT	0.00	8415.84	8415.84
2	500.000	ITEM NO. : 32 Providing and fixing H.D.P container Syntex or alike one piece moulded water tank made out of low density polythylene	0.00	500.00	500.00	11.00	LIT	0.00	5500.00	5500.00
3	15.000	ITEM NO. : 33 Providing and fixing on walls/ ceiling/ floor 15 mm dia. CPVC pipe with necessary fittings, remaking good the	0.00	15.00	15.00	266.00	RMT	0.00	3990.00	3990.00
4	10.000	ITEM NO. : 34 Providing and fixing on walls/ ceiling/ floor 25 mm-dia. CPVC pipe with necessary fittings, remaking good the	0.00	10.00	10.00	375.00	RMT	0.00	3750.00	3750.00
5	1.000	ITEM NO. : 35 providing and fixing oval type under counter wash hand basin of 16 inch x 22 inch size and of special colour shade	0.00	1.00	1.00	8799.00	Nos	0.00	8799.00	8799.00
6	1.000	ITEM NO. : 36 Providing and fixing home pipe septic tank 900mm diameter with vent pipe and cap including necessary (including	0.00	1.00	1.00	16726.00	Nos	0.00	16726.00	16726.00
						Total Amount		0.00	529851.52	529851.52
						Limited to say Total Amount		0.00	500000.00	500000.00
						As Per Agreement ( - 11.50% )		0.00	57500.00	57500.00
						Total Amount		0.00	442500.00	442500.00
						Add 18% GST		0.00	79650.00	79650.00
						Total Amount		0.00	522150.00	522150.00
						By Rounding Amount		0.00	522150.00	522150.00

*B. Singh*  
CONTRACTOR

CIVIL ENGINEER

# Bhimashankar Sahakari Sakhar Karkhana Ltd

Dattatrayanagar, Pargaon, Via Awasari Bk, Tal-Ambegaon, Dist-Pune

Name of Work : Construction of Toilet block for ZP School At- Kathapur Bk Tal-Ambegaon Dist-Pune

Name of Contractor : PRAMOD BHAGWAN WAGH AT-PAHADDARA

## ABSTRACT SHEET

ESTIMATED COST-500000.00

RA BILL NO: 1st and Final RA BILL

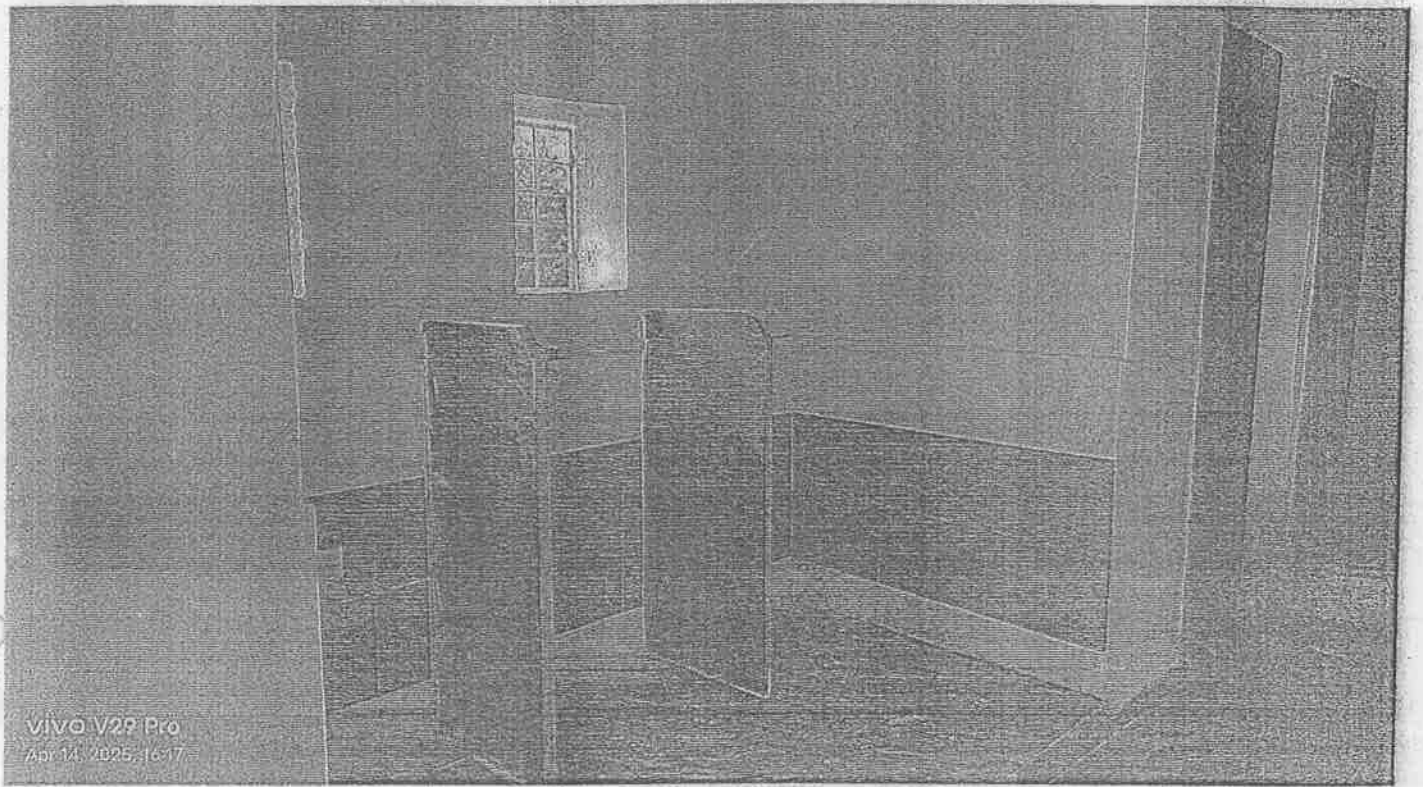
Item No.	Tender Qty	Description	Quantity			Rate	Unit	Previous Bill Amt	This Bill Amount	Up to Date Amount
			Previous Bill Qty	This Bill Qty	Up to Date Qty					
1	8.608	ITEM NO. : 1 Excavation for foundation in earth, soil of all types sand, gravel and soft murum, including removing the excavated material up to a distance of 50 m. beyond	0.00	9.43	9.43	207.00	Cum	0.00	1952.01	1952.01
2	4.493	ITEM NO. : 2 Excavation for foundation in hard murum including removing the excavated material upto distance of 50	0.00	4.34	4.34	227.00	Cum	0.00	985.18	985.18
3	1.380	ITEM NO. : 3 Providing and laying Cast in situ/Ready Mix cement concrete in M-10 of trap/ granite/ quartzite/ gneiss metal for foundation and bedding including bailing out	0.00	2.49	2.49	6029.35	Cum	0.00	15013.08	15013.08
3	8.366	ITEM NO. : 4 Providing uncoursed rubble masonry of trap / granite / quartzite / gneiss stones in cement mortar 1:6 in foundation and plinth of inner walls / in	0.00	9.73	9.73	5410.55	Cum	0.00	52644.65	52644.65
5	1.992	ITEM NO. : 5 Providing second class Burnt Brick masonry with conventional/ I.S. type bricks in cement mortar 1:6 in foundations and plinth of inner walls/ in plinth external	0.00	1.86	1.86	8084.80	Cum	0.00	15037.73	15037.73
6	12.431	ITEM NO. : 6 Providing second class Burnt Brick masonry with conventional/ I.S. type bricks in cement mortar 1:6 in superstructure including striking joints, raking out joints,	0.00	11.97	11.97	8323.80	Cum	0.00	99635.89	99635.89
7	4.493	ITEM NO. : 7 Filling in plinth and floors with approved excavated material in 15cm. to 20cm. layers including watering and compacting etc. complete. (Ino21-36)	0.00	2.17	2.17	120.00	Cum	0.00	260.40	260.40
8	3.481	ITEM NO. : 8 Filling in plinth and floors with contractors material/brought from outside and approved by Engineer incharge in layers of 15cm. to 20cm. including watering and	0.00	14.42	14.42	599.00	Cum	0.00	8637.58	8637.58
9	0.768	ITEM NO. : 9 Providing and laying Cast in situ/Ready Mix cement concrete M-20 of trap / granite / quartzite/ gneiss metal for R.C.C	0.00	1.75	1.75	12461.50	Cum	0.00	21807.63	21807.63
10	1.915	ITEM NO. : 10 Providing and laying Cast in situ/Ready Mix cement concrete M-20 of trap/ granite / quartzite/ gneiss metal for R.C.C. slabs and landings as per detailed	0.00	3.63	3.63	14135.50	Cum	0.00	51311.87	51311.87
11	0.233	ITEM NO. : 11 Providing and fixing in position TMT - FE - 500 bar reinforcement of various diameters for R.C.C. pile caps,	0.00	0.31	0.31	89823.00	MT	0.00	28202.35	28202.35
12	5.060	ITEM NO. : 12 Providing internal cement plaster 12mm thick in single coat in cement mortar 1:4 without neeru finish to concrete or	0.00	85.20	85.28	281.85	SQMT	0.00	24036.17	24036.17
13	56.998	ITEM NO. : 13 Providing sand faced plaster externally in cement mortar using approved screened sand, in all positions including	0.00	47.56	47.56	647.50	SQMT	0.00	30795.10	30795.10
14	33.902	ITEM NO. : 14 Providing neeru finish to plastered surfaces in all positions including scaffolding and curing etc. complete. (Ino32-	0.00	51.56	51.56	65.00	SQMT	0.00	3351.40	3351.40
15	9.990	ITEM NO. : 15 Providing and fixing Black granite of 18 to 20 mm thick for door frame/ dado/ window boxing etc. On C.M. 1:6	0.00	9.42	9.42	2367.00	SQMT	0.00	22297.14	22297.14
16	0.038	ITEM NO. : 16 Providing and fixing frame with / without ventilator of size as specified with Country non teak wood for doors and	0.00	0.00	0.00	107112.00	Cum	0.00	0.00	0.00
17	1.890	ITEM NO. : 17 Providing and fixing solid core flush door shutter commercial in single leaf 32 mm thick without ventilator commercial	0.00	0.00	0.00	2913.00	SQMT	0.00	0.00	0.00
18	6.300	ITEM NO. : 18 Providing and fixing Solid fiber glass reinforced polyester door shutter 35 mm thick as per IS 14856 (2000)	0.00	3.15	3.15	3495.00	SQMT	0.00	11009.25	11009.25
19	1.350	ITEM NO. : 19 Providing and fixing in position powder coated aluminium louvered windows / ventilator of various sizes with	0.00	2.97	2.97	3467.00	SQMT	0.00	10296.99	10296.99
20	33.902	ITEM NO. : 20 Providing and applying plastic emulsion paint of approved quality, colour and shade to old & new surfaces in two	0.00	51.56	51.56	80.00	SQMT	0.00	4124.80	4124.80
21	56.998	ITEM NO. : 21 Providing and applying two coats of exterior acrylic emulsion paint conforming to corresponding I.S. of approved	0.00	47.56	47.56	261.00	SQMT	0.00	12413.16	12413.16
22	0.000	ITEM NO. : 22 Providing and applying Texture plaster with finishing with Purlina / Rustic texture material ( with texture material	0.00	0.00	0.00	628.00	SQMT	0.00	0.00	0.00

23	10,896	ITEM NO. : 23 Providing and laying Antiskid Ceramic tiles of approved quality of size 30 cm x 30 cm and confirming to IS 15622-	0.00	18.43	18.43	1205.45	SQMT	0.00	22216.44	22216.44
24	41,286	ITEM NO. : 24 Providing and laying ceramic tiles having size 30 cm X 30 cm. For dado and skirting in required position with	0.00	27.04	27.04	1260.35	SQMT	0.00	34079.86	34079.86
25	0,000	ITEM NO. : 25 Providing and fixing machine cut mirror polished 18 mm to 20 mm thick telephone black / Amba White / Cal bary	0.00	0.00	0.00	4010.00	SQMT	0.00	0.00	0.00
26	1,000	ITEM NO. : 26 Providing and fixing C.P. BIB cock with wall flange of approved make including necessary sockets/ union nut etc.	0.00	1.00	1.00	1193.00	Nos	0.00	1193.00	1193.00
27	4,000	ITEM NO. : 27 Providing and fixing 15 mm dia. Screw down bib/ stop tap of brass including necessary socket union nut	0.00	5.00	5.00	671.00	Nos	0.00	3355.00	3355.00
28	3,000	ITEM NO. : 28 Providing and fixing Orissa type white glazed earthenware 575 mm water closet pan including S trap with	0.00	2.00	2.00	4007.00	Nos	0.00	8014.00	8014.00
29	3,000	ITEM NO. : 29 Providing and Fixing half turn 25 mm dia gun metal flushing cock including all accessories etc.	0.00	0.00	0.00	953.00	Nos	0.00	0.00	0.00
30	8,400	ITEM NO. : 30 Providing and fixing 75 mm dia stabiliser pipe/ P.V.C. soil vent/waste pipe and with necessary fixtures and fitting	0.00	0.00	0.00	607.00	RMT	0.00	0.00	0.00
31	4,611	ITEM NO. : 31 Providing and fixing 100 mm dia stabiliser pipe/ P.V.C. soil vent/waste pipe and with necessary fixtures and fitting	0.00	10.68	10.68	788.00	RMT	0.00	8415.84	8415.84
32	500,000	ITEM NO. : 32 Providing and fixing H.D.P container Synlex or alike one piece moulded water tank made out of low density polythylene	0.00	500.00	500.00	11.00	LIT	0.00	5500.00	5500.00
33	15,000	ITEM NO. : 33 Providing and fixing on walls/ ceiling/ floor 15 mm dia. CPVC pipe with necessary fittings, remaking good the	0.00	15.00	15.00	266.00	RMT	0.00	3990.00	3990.00
34	10,000	ITEM NO. : 34 Providing and fixing on walls/ ceiling/ floor 25 mm dia. CPVC pipe with necessary fittings, remaking good the	0.00	10.00	10.00	375.00	RMT	0.00	3750.00	3750.00
35	1,000	ITEM NO. : 35 providing and fixing oval type under counter wash hand basin of 16 inch x 22 inch size and of special colour shade	0.00	1.00	1.00	8799.00	Nos	0.00	8799.00	8799.00
36	1,000	ITEM NO. : 36 Providing and fixing hume pipe septic tank 900mm diameter with vent pipe and cap including necessary (including	0.00	1.00	1.00	16726.00	Nos	0.00	16726.00	16726.00
						Total Amount		0.00	529851.52	529851.52
						Limited to say Total Amount		0.00	500000.00	500000.00
						As Per Agreement ( - 11.50% )		0.00	57500.00	57500.00
						Total Amount		0.00	442500.00	442500.00
						Add 18% GST		0.00	79650.00	79650.00
						Total Amount		0.00	522150.00	522150.00
						By Rounding Amount		0.00	522150.00	522150.00

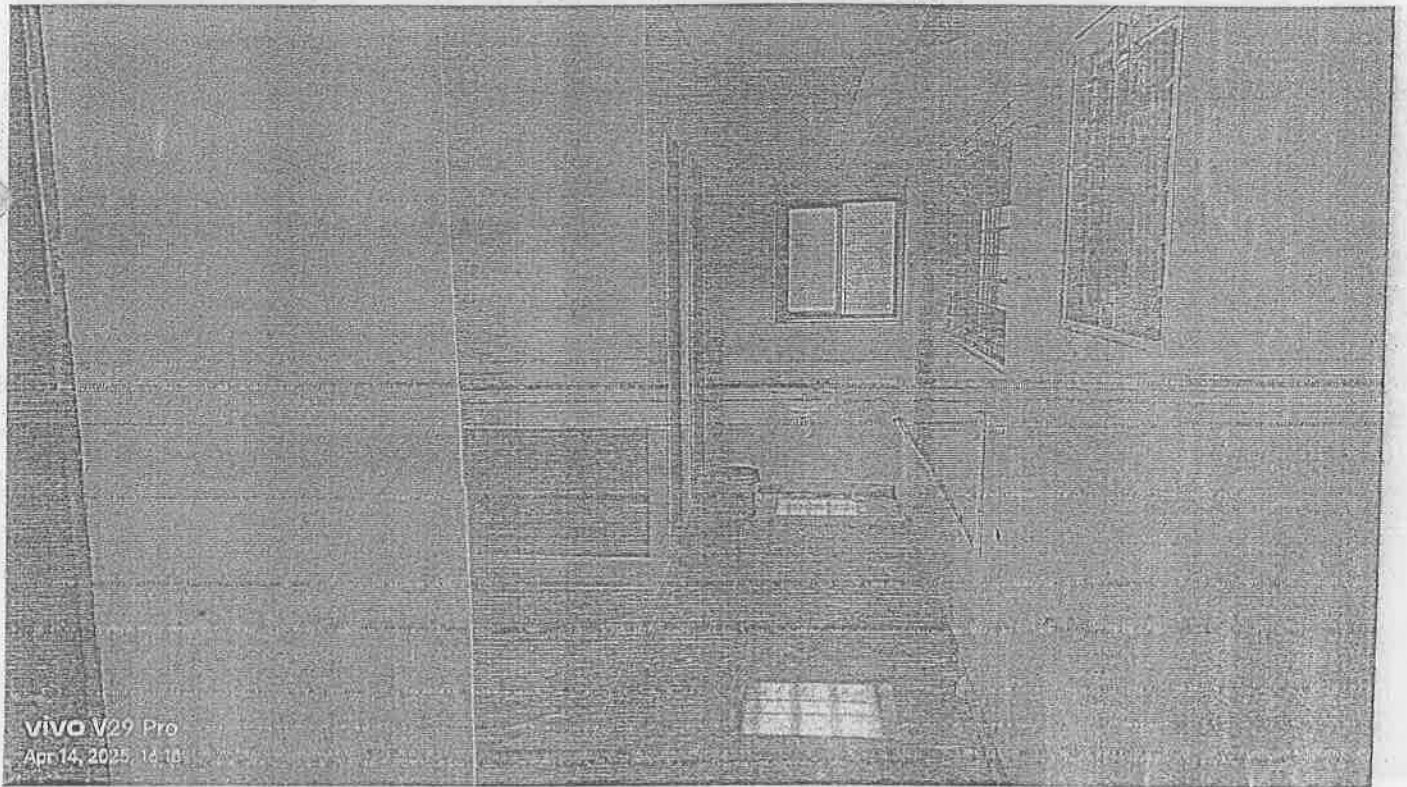
*B. Singh*  
CONTRACTOR

CIVIL ENGINEER

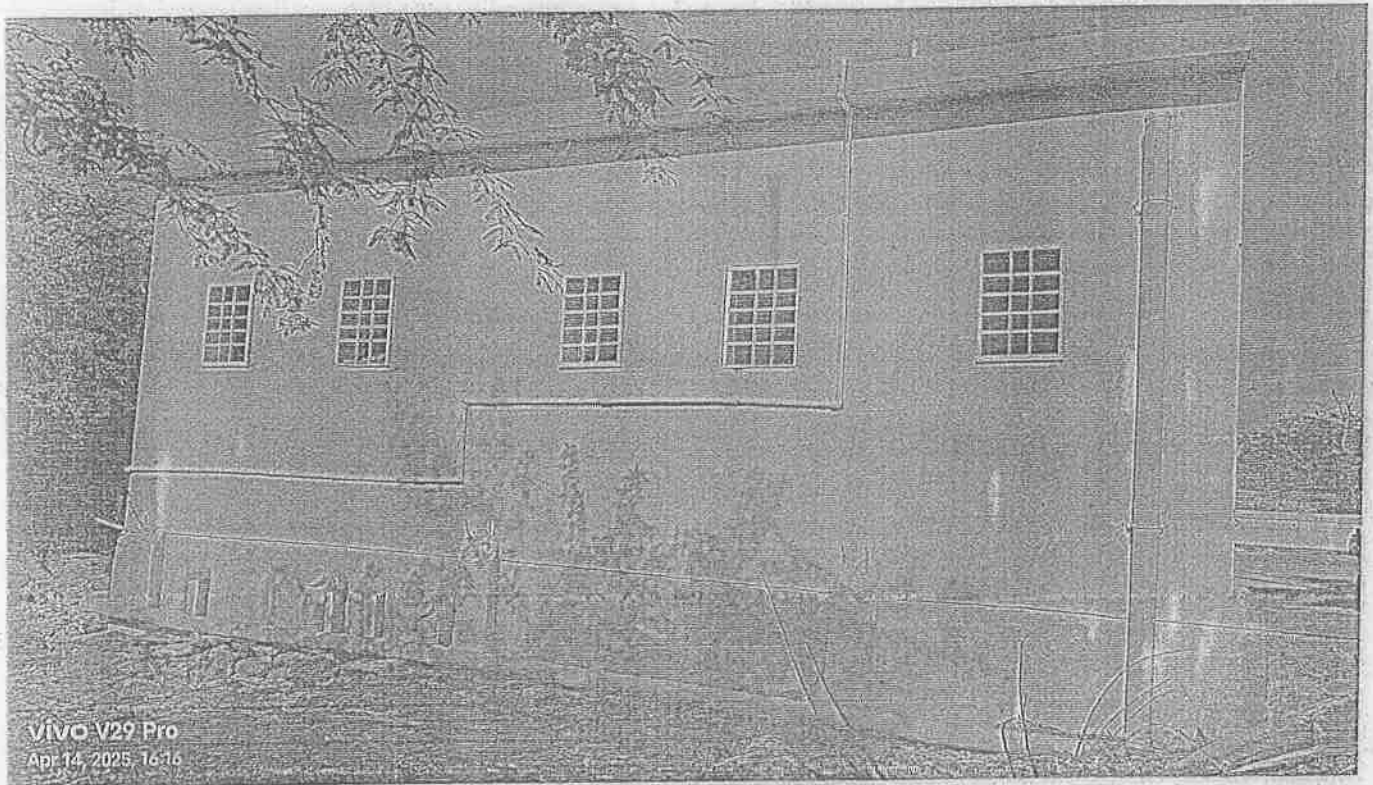
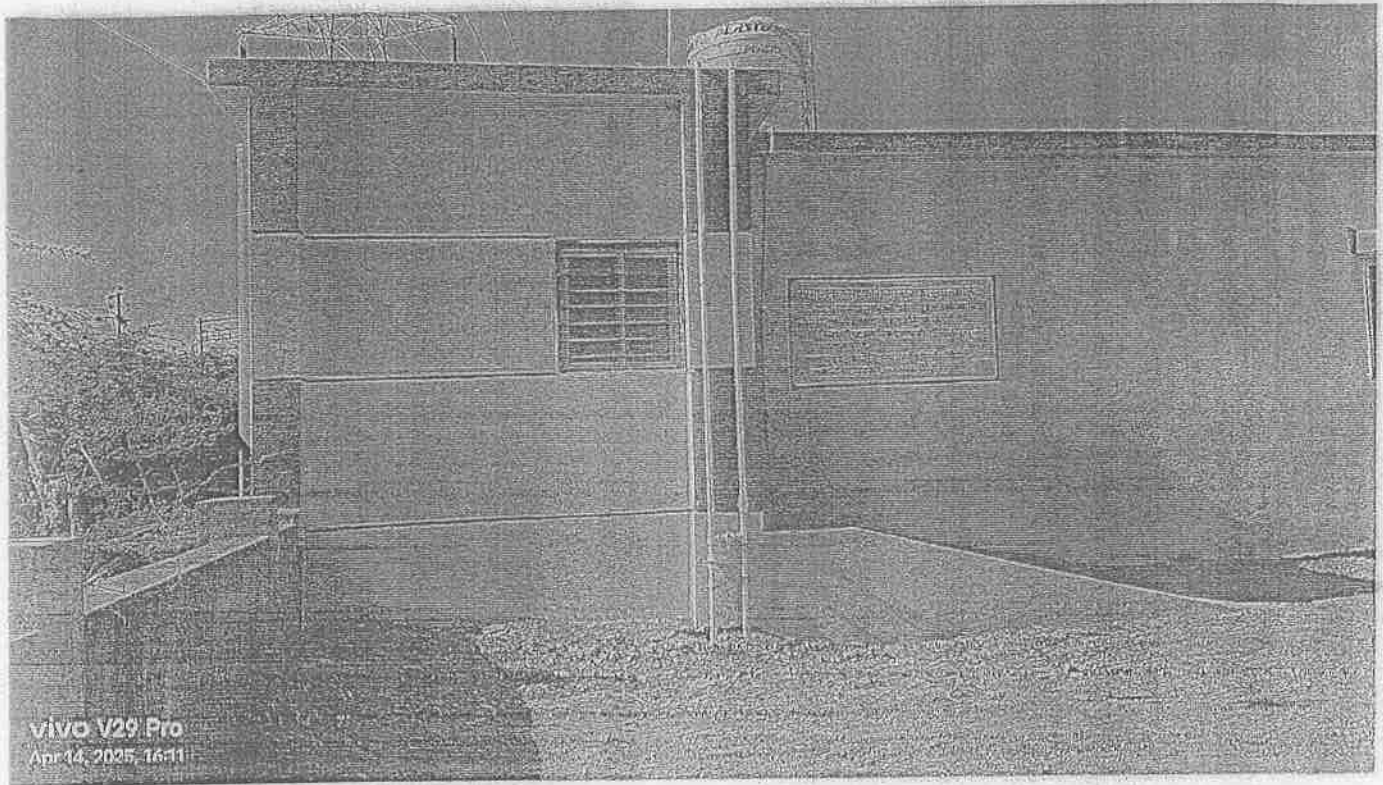




VIVO V29 Pro  
Apr 14, 2025, 16:17



VIVO V29 Pro  
Apr 14, 2025, 14:18



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(REGD. NO.:P.N.A/A.G.N/P.R./G.(A) S-47/1994 DT.31/3/1994) **GSTIN : 27AAAAB0949G1ZZ**

Dattatraynagar, Pargaon Via Awasari (Bk.) Tal : Ambegaon, Dist : Pune. 412 406

Tel.fax : (02133) 284241, 284270, 9975568130, 8888846990 Email : bsskltd@gmail.com, Website : www.bhimashankarssk.com, www.bsskl.sets.co.in

जा.क्र.: भीमाशंकर / सिव्हील / १५०६

/ २०२४-२५

दि.२९/०७/२०२४

वर्कऑर्डर

प्रति,

मे.गुरुदया एंटरप्रायजेस

मु.पो.खडकवाडी

ता.आंबेगाव, जि.पुणे

विषय :- मौजे पोंदेवाडी येथील मामासाहेब मोहोळ माध्यमिक विद्यालयासाठी शौचालय युनिटचे बांधकाम करणेच्या कामाबाबत..

महोदय,

वरील विषयास अनुसरून, कारखान्यामार्फत मौजे पोंदेवाडी येथील मामासाहेब मोहोळ माध्यमिक विद्यालयासाठी शौचालय युनिट बांधकाम करणेच्या कामासाठी आपण सादर केलेली निविदा व त्यावर मा. कार्यकारी समिती सभा दि.२२/०७/२०२४ मध्ये आपणाशी समक्ष झालेल्या चर्चेनुसार सदर काम आपणास एस्टिमेट रक्कम रु. ८,६१,००८/- पेक्षा १८.१०% कमी दराने मंजूर करण्यात आले आहे

कामाच्या अटी व शर्ती खालीलप्रमाणे राहतील

- १) कामाची मुदत १ महिना राहिल.
- २) कामासाठी लागणारे सर्व साहित्य व मजूर आपण स्वतः आणावयाचे आहेत.
- ३) काम चालू असताना कारखाना मालमत्तेचे नुकसान झाल्यास त्याची भरपाई आपणाकडून करण्यात येईल. मजुरांचा अपघात झाल्यास त्याची सर्वस्वी जबाबदारी आपली राहिल कारखान्याची कोणतीही जबाबदारी राहणार नाही.
- ४) कामाच्या बिलाच्या एकूण ५% रक्कम रेग्युलर सिक्युरिटी डिपॉझीट म्हणून कपात करण्यात येईल. सदर सिक्युरिटी डिपॉझीट रक्कम १२ महिन्यांचा डिफेक्ट लायबिलिटी पिरीयड संपल्यानंतर अदा केली जाईल.
- ५) सदर निविदा एस्टिमेट रक्कमेच्या उणे १०% पेक्षा जास्त (उणे १८.१०%) असल्याने १०% कमी दरापर्यंत १% व १५% कमी दरापर्यंत १५.००% - १०% = ५.००% तसेच (१८.१०% - १५%) = ३.१०% करीता (३.१० x २) = ६.२०% असे एकूण १ + ५ + ६.२० = १२.२०% अॅडीशनल परफॉर्मन्स सिक्युरिटी डिपॉझीट रु. १,०५,०४३/- रक्कमेचा भरणा करावा. अॅडीशनल परफॉर्मन्स सिक्युरिटी डिपॉझीट रक्कम भरणा केल्यानंतरच काम सुरु करण्यास परवानगी देण्यात येईल. सदरची रक्कम काम पूर्ण झाल्यानंतर कामाच्या अंतिम बिलासोबत अदा करण्यात येईल.
- ६) केंद्र व राज्य शासनाच्या कर विषयक धोरणानुसार वरील कामास लागू असलेला जी.एस.टी. आपणास स्वतंत्र अदा केला जाईल याकरीता जी.एस.टी.साठी विहित नमुन्यात बिल सादर करावे लागेल व जी.एस.टी.चा भरणा करून भरणा रिसीट कारखान्याकडे जमा करावी.






(REGD. NO.:P.N.A/A.G.N/P.R./G.(A) S-47/1994 DT.31/3/1994) **GSTIN : 27AAAAB0949G1ZZ**

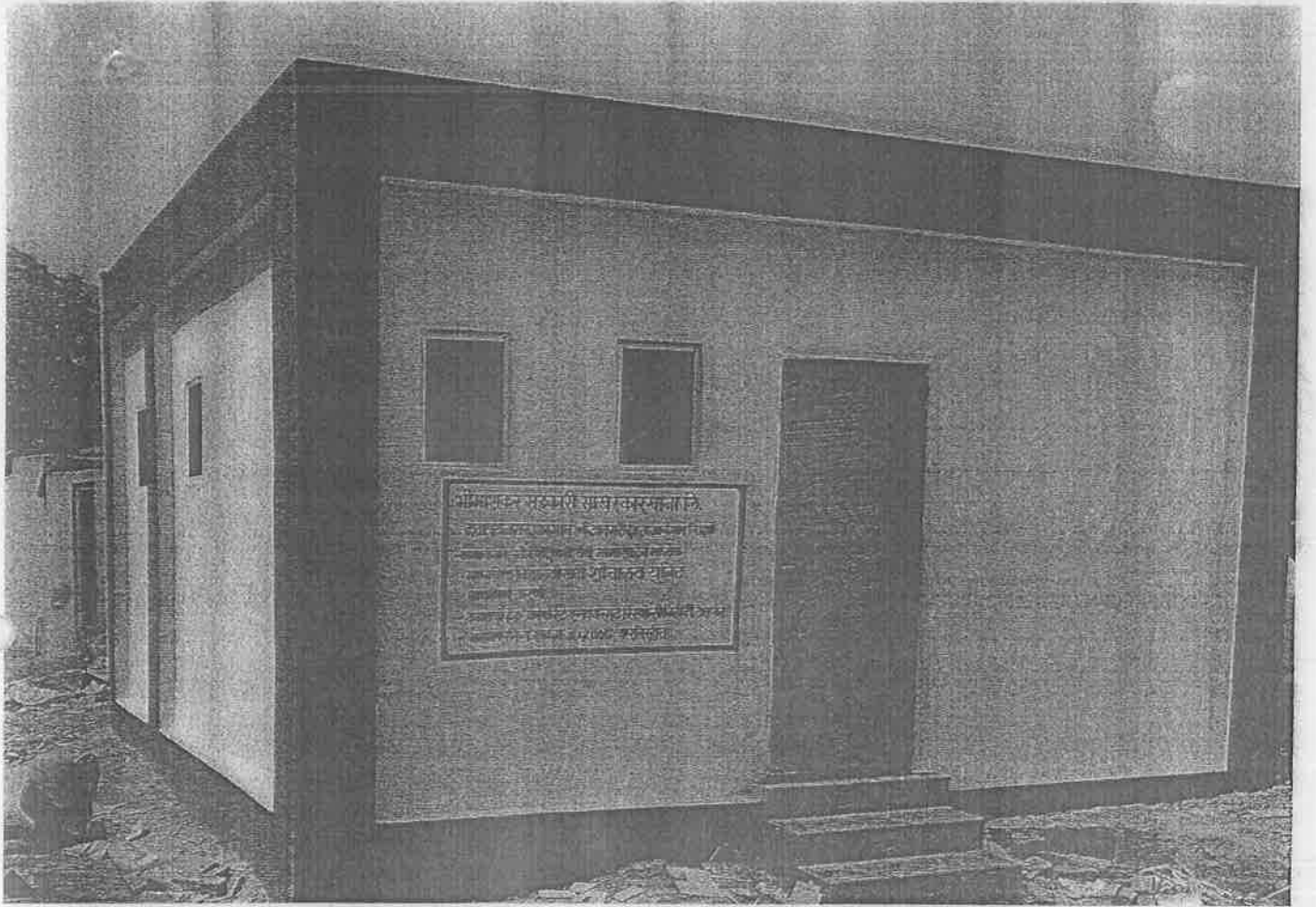
Dattatraynagar, Pargaon Via Awasari (Bk.) Tal : Ambegaon, Dist : Pune. 412 406


Tel.fax : (02133) 284241, 284270, 9975568130, 8888846990 Email : bsskltd@gmail.com, Website : www.bhimashankarssk.com, www.bsskl.sets.co.in

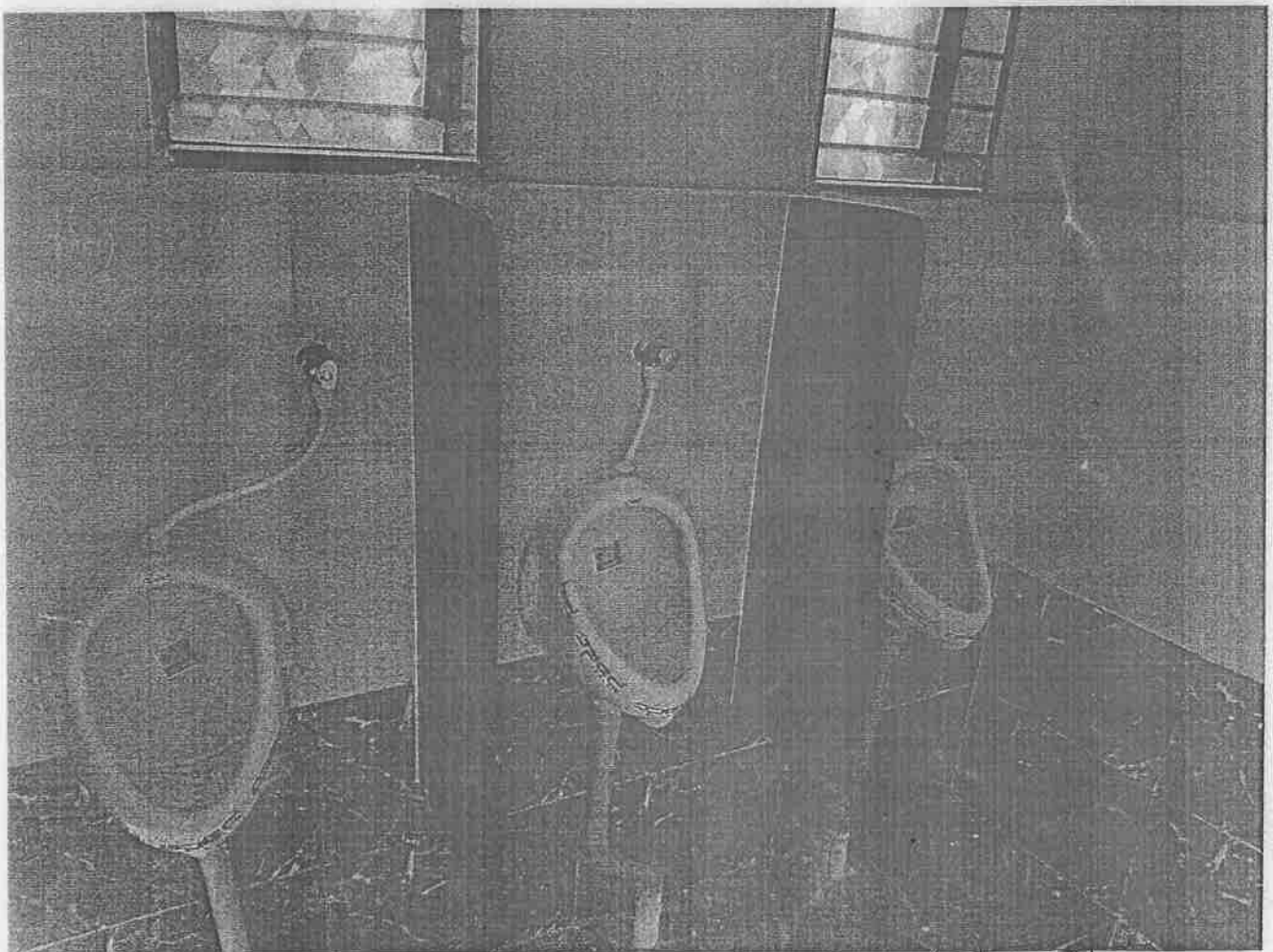
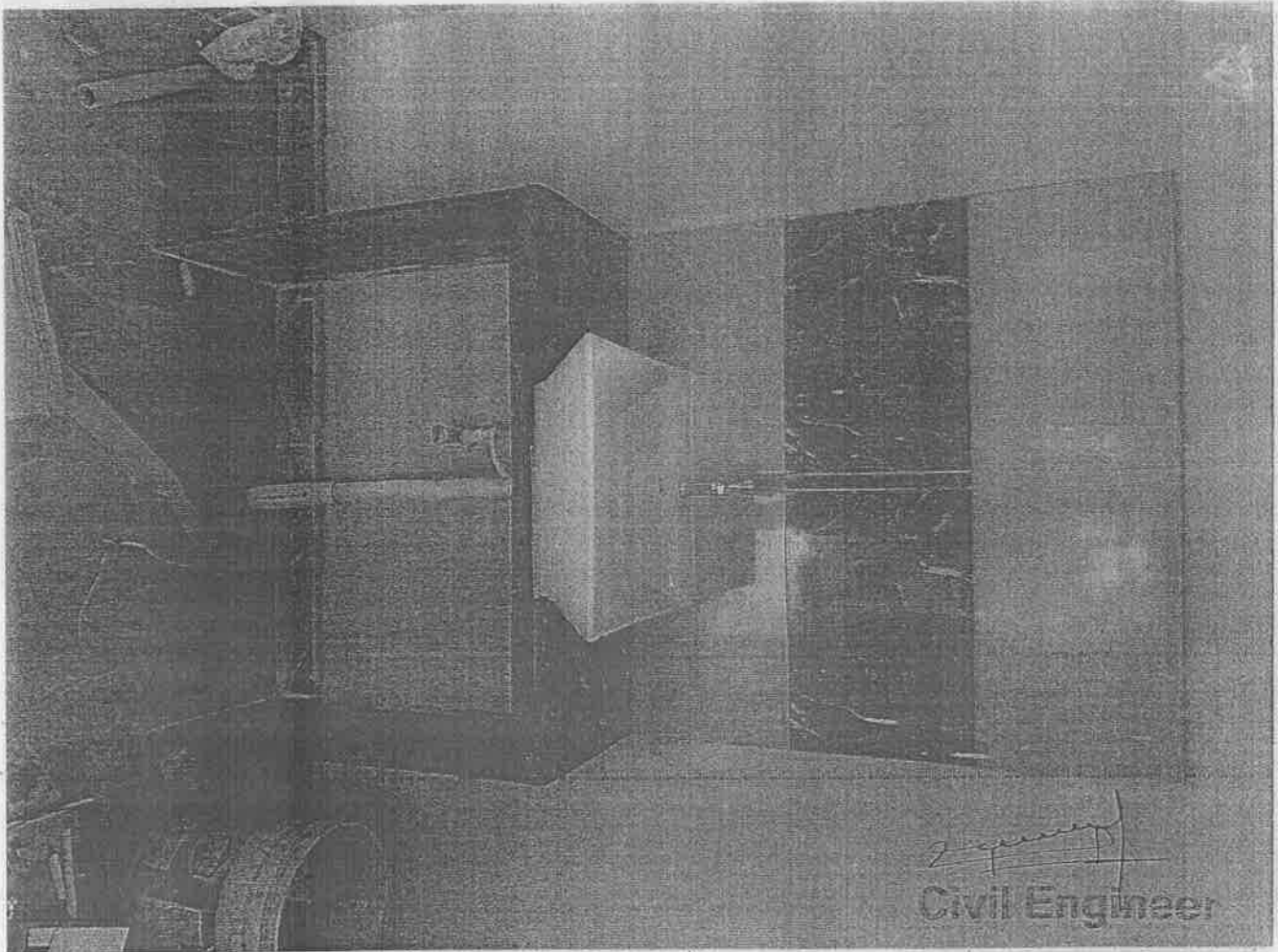
- ७) कामासाठी लागणारे आवश्यक मटेरियल कारखाना स्टोअर्समध्ये उपलब्ध असल्यास कारखाना दराने देण्यात येईल व त्याची वसुली बिलातून करण्यात येईल.
  - ८) कामाचे कालावधीत आपण लेखी स्वरूपात मागणी केल्यास कामाच्या आवश्यकतेनुसार डिझेल पंपावरून कारखान्याने ठरविलेल्या दराप्रमाणे उधारीने डिझेल देण्यात येईल व डिझेलची होणारी रक्कम बिलातून वसूल केली जाईल.
  - ९) कामासाठी लागणारे पाणी व लाईटची व्यवस्था आपण स्वतः करावयाची आहे.
  - १०) आपलेकडे काम करणाऱ्या सर्व कामगारांच्या सुरक्षिततेच्या दृष्टीने आवश्यक असणारी साधने उदा. सेफ्टी बेल्ट, हेल्मेट, हँड ग्लोज इ. वापरणे आपणास बंधनकारक आहे.
  - ११) आपलेकडे काम करणाऱ्या सर्व मजुरांचा एम्प्लॉयमेंट कॉम्पेन्सेशन ॲक्टनुसार विमा घ्यावा लागेल व विमाकागदपत्रे सादर केल्यानंतरच काम सुरु करणेस परवानगी दिली जाईल.
  - १२) करारनामा करणेसाठी रु.५००/- चा स्टॅंप पेपर त्वरीत सादर करावा.
- तरी आपण सिव्हील विभागाशी संपर्क साधून त्वरीत कामास सुरुवात करावी.

  
प्र. कार्यकारी संचालक

प्रत:- अकौंट / सिव्हील / मास्टर



  
Civil Engineer



# Bhimashankar Sahakari Sakhar Karkhana Ltd

Dattatrayanagar, Pargaon, Via Awasari Bk, Tal-Ambegaon, Dist-Pune

Name of Work : Construction of Toilet block unit for Mamasahab Mohol Vidyalaya At- Pondewadi Tal-Ambegaon Dist-Pune

Name of Contractor : M/S GURUDAYA ENTERPRISES AT-KHADAKWADI

ABSTRACT SHEET

ESTIMATED COST-8,61,008

RA BILL NO: 1st and Final RA BILL

Item. No.	Tender Qty	Description	Quantity			Rate	Unit	Previous Bill Amt	This Bill Amount	Up to Date Amount
			Previous Bill Qty	This Bill Qty	Up to Date Qty					
1	14.966	ITEM NO. : 1 Excavation for foundation in earth, soil of all types, sand, gravel and soft murum, including removing the excavated material up to a distance of 50 m. beyond	0.00	14.62	14.62	207.00	Cum	0.00	3026.34	3026.34
2	6.827	ITEM NO. : 2 Excavation for foundation in hard murum including removing the excavated material upto distance of 50	0.00	6.77	6.77	227.00	Cum	0.00	1536.79	1536.79
3	2.422	ITEM NO. : 3 Providing and laying Cast in situ/Ready Mix cement concrete in M-10 of trap/ granite/ quartzite/ gneiss metal for foundation and bedding including bailing out	0.00	3.98	3.98	6313.20	Cum	0.00	25126.54	25126.54
4	10.670	ITEM NO. : 4 Providing uncoursed rubble masonry of trap / granite / quartzite / gneiss stones in cement mortar 1:6 in foundation and plinth of inner walls / in	0.00	13.97	13.97	5742.45	Cum	0.00	80222.03	80222.03
5	3.158	ITEM NO. : 5 Providing second class Burnt Brick masonry with conventional/ I.S. type bricks in cement mortar 1:6 in foundations and plinth of inner walls/ in plinth external	0.00	6.50	6.50	8238.50	Cum	0.00	53550.25	53550.25
6	19.891	ITEM NO. : 6 Providing second class Burnt Brick masonry with conventional/ I.S. type bricks in cement mortar 1:6 in superstructure including striking joints, raking out joints,	0.00	20.27	20.27	8477.50	Cum	0.00	171838.93	171838.93
7	6.827	ITEM NO. : 7 Filling in plinth and floors with approved excavated material in 15cm. to 20cm. layers including watering and compacting etc. complete. (INo21-36)	0.00	3.39	3.39	120.00	Cum	0.00	406.80	406.80
8	2.932	ITEM NO. : 8 Filling in plinth and floors with contractors material/brought from outside and approved by Engineer incharge in layers of 15cm. to 20cm. including watering	0.00	2.60	2.60	599.00	Cum	0.00	1557.40	1557.40
9	0.889	ITEM NO. : 9 Providing and laying Cast in situ/Ready Mix cement concrete M-20 of trap / granite / quartzite/ gneiss metal for R.C.C.	0.00	2.20	2.20	12730.20	Cum	0.00	28006.44	28006.44
10	4.162	ITEM NO. : 10 Providing and laying Cast in situ/Ready Mix cement concrete M-20 of trap/ granite / quartzite/ gneiss metal for R.C.C. slabs and landings as per detailed	0.00	4.15	4.15	14404.20	Cum	0.00	59777.43	59777.43
11	0.446	ITEM NO. : 11 Providing and fixing in position TMT - FE - 500 bar reinforcement of various diameters for R.C.C. pile caps,	0.00	0.59	0.59	89868.00	MT	0.00	53376.92	53376.92
12	121.528	ITEM NO. : 12 Providing internal cement plaster 12mm thick in single coat in cement mortar 1:4 without neeru finish to concrete or	0.00	155.35	155.35	284.10	SQMT	0.00	44134.94	44134.94
13	80.482	ITEM NO. : 13 Providing sand faced plaster externally in cement mortar using approved screened sand, in all positions including	0.00	66.07	66.07	652.45	SQMT	0.00	43107.37	43107.37
14	53.074	ITEM NO. : 14 Providing neeru finish to plastered surfaces in all positions including scaffolding and curing etc. complete. (INo32-	0.00	122.95	122.95	65.00	SQMT	0.00	7991.75	7991.75
15	20.160	ITEM NO. : 15 Providing and fixing Black granite of 18 to 20 mm thick for door frame/ dado/ window boxing etc. On C.M. 1:6	0.00	21.90	21.90	2367.00	SQMT	0.00	51837.30	51837.30
16	0.079	ITEM NO. : 16 Providing and fixing frame with / without ventilator of size as specified with Country non teak wood for doors and	0.00	0.00	0.00	107112.00	Cum	0.00	0.00	0.00
17	3.780	ITEM NO. : 17 Providing and fixing solid core flush door shutter commercial in single leaf 32 mm thick without ventilator	0.00	3.57	3.57	2913.00	SQMT	0.00	10399.41	10399.41
18	9.450	ITEM NO. : 18 Providing and fixing Solid fiber glass reinforced polyester door shutter 35 mm thick as per IS 14855 (2000)	0.00	9.45	9.45	3495.00	SQMT	0.00	33027.75	33027.75
19	2.700	ITEM NO. : 19 Providing and fixing in position powder coated aluminium louvered windows / ventilator of various sizes with	0.00	2.09	2.09	3467.00	SQMT	0.00	7246.03	7246.03
20	53.074	ITEM NO. : 20 Providing and applying plastic emulsion paint of approved quality, colour and shade to old & new surfaces in	0.00	119.91	119.91	80.00	SQMT	0.00	9592.80	9592.80
21	80.482	ITEM NO. : 21 Providing and applying two coats of exterior acrylic emulsion paint confirming to corresponding I.S. of approved	0.00	66.07	66.07	261.00	SQMT	0.00	17244.27	17244.27
22	13.592	ITEM NO. : 22 Providing and laying Antiskid Ceramic tiles of approved quality of size 30 cm x 30 cm and confirming to IS 15622-2006	0.00	19.95	19.95	1208.55	SQMT	0.00	24110.57	24110.57



Name of Work : Construction of Toilet block unit for Mamasahab Mohol Vidyalaya At- Pondewadi Tal-Ambegaon Dist-Pune

Name of Contractor : M/S GURUDAYA ENTERPRISES AT-KHADAKWADI

## ABSTRACT SHEET

ESTIMATED COST-8,61,008

RA BILL NO: 1st and Final RA BILL

Item. No.	Tender Qty	Description	Quantity			Rate	Unit	Previous Bill Amt	This Bill Amount	Up to Date Amount
			Previous Bill Qty	This Bill Qty	Up to Date Qty					
23	81,774	ITEM NO. : 23 Providing and laying ceramic tiles having size 30 cm, X 30 cm For dado and skirting in required position with	0.00	33.60	33.60	1263.45	SQMT	0.00	42451.92	42451.92
24	1,620	ITEM NO. : 24 Providing and fixing machine cut mirror polished 18 mm to 20 mm thick telephone black / Amba White / Cat bary	0.00	0.81	0.81	4010.00	SQMT	0.00	3248.10	3248.10
25	4,000	ITEM NO. : 25 Providing and fixing C.P. BIB cock with wall flange of approved make including necessary sockets/ union nut etc	0.00	2.00	2.00	1193.00	Nos	0.00	2386.00	2386.00
26	5,000	ITEM NO. : 26 Providing and fixing 15 mm dia. Screw down bib/ stop tap of brass including necessary socket union nut	0.00	0.59	0.59	671.00	Nos	0.00	398.54	398.54
27	3,000	ITEM NO. : 27 Providing and fixing white glazed earthenware lipped flat/corner type Urinal with PVC 5 Liters flushing cister	0.00	3.00	3.00	4788.00	Nos	0.00	14364.00	14364.00
28	5,000	ITEM NO. : 28 Providing and fixing Orissa type white glazed earthenware 575 mm water closet pan including S trap with	0.00	5.00	5.00	4007.00	Nos	0.00	20035.00	20035.00
29	3,000	ITEM NO. : 29 Providing and Fixing half turn 25 mm dia gun metal flushing cock including all accessories etc.	0.00	0.00	0.00	953.00	Nos	0.00	0.00	0.00
30	10,500	ITEM NO. : 30 Providing and fixing 75 mm dia stabiliser pipe/ P.V.C. soil vent/waste pipe and with necessary fixtures and fitting	0.00	0.00	0.00	607.00	RMT	0.00	0.00	0.00
31	18,000	ITEM NO. : 31 Providing and fixing 100 mm dia stabiliser pipe/ P.V.C. soil vent/waste pipe and with necessary fixtures and fitting	0.00	13.00	13.00	788.00	RMT	0.00	10244.00	10244.00
32	500,000	ITEM NO. : 32 Providing and fixing H.D.P container Syntex or alike one piece moulded water tank made out of low density	0.00	500.00	500.00	11.00	LIT	0.00	5500.00	5500.00
33	20,000	ITEM NO. : 33 Providing and fixing on walls/ ceiling/ floor 15 mm dia. CPVC pipe with necessary fittings, remaking good the	0.00	20.00	20.00	245.00	RMT	0.00	4900.00	4900.00
34	20,000	ITEM NO. : 34 Providing and fixing on walls/ ceiling/ floor 25 mm dia. CPVC pipe with necessary fittings, remaking good the	0.00	20.00	20.00	355.00	RMT	0.00	7100.00	7100.00
35	2,000	ITEM NO. : 35 providing and fixing oval type under counter wash hand basin of 16 inch x 22 inch size and of special colour shade	0.00	2.00	2.00	8799.00	Nos	0.00	17598.00	17598.00
36	1,000	ITEM NO. : 36 Providing and fixing hume pipe septic tank 900mm diameter with vent pipe and cap including necessary (including	0.00	1.00	1.00	16726.00	Nos	0.00	16726.00	16726.00
						Total Amount		0.00	872069.61	872069.61
						Limited to say Total Amount		0.00	861008.00	861008.00
						As Per Agreement ( - 18.10% )		0.00	155842.4	155842.4
						Total Amount		0.00	705165.55	705165.55
						Add 18% GST		0.00	126929.80	126929.80
						Total Amount		0.00	832095.35	832095.35
						By Rounding Amount		0.00	832095.00	832095.00

CONTRACTOR

CIVIL OVERSEER

CIVIL ENGINEER

गुरु-दया एंटरप्रायझेस

S. G. POKHARAL  
प्रोप्रायटर

checked by me

[Signature]

# Bhimashankar Sahakari Sakhar Karkhana Ltd

Dattatrayanagar, Pargaon, Via Awasari Bk, Tal-Ambegaon, Dist-Pune

Name of Work : Construction of Toilet block unit for Mamasahab Mohol Vidyalaya At- Pondewadi Tal-Ambegaon Dist-Pune

Name of Contractor : M/S GURUDAYA ENTERPRISES AT-KHADAKWADI

RA BILL NO: 1st and Final RA BILL

## MEASUREMENT SHEET

Item. No.	Description	Nos	Member	Length	Breadth	Height	Qty	Unit
1	ITEM NO. : 1 Excavation for foundation in earth, soil of all types, sand, gravel and soft murum, including removing the excavated material up to a distance of 50 m. beyond the building area and stacking and spreading as directed,							
	LW	1.000	3.000	5.053	0.600	0.600	5.457	CUM
	LW CHANGING ROOM	1.000	1.000	1.430	0.600	0.600	0.515	CUM
	GENTS W.C LW	1.000	1.000	1.510	0.600	0.600	0.544	CUM
	LEDIES W.C LW	1.000	1.000	3.920	0.600	0.600	1.411	CUM
	S/W	1.000	13.000	1.200	0.600	0.600	5.616	CUM
	STEPS	1.000	2.000	1.200	1.500	0.300	1.080	CUM
							TOTAL QTY	14.620 CUM
							PRE.BILL QTY	0.00 CUM
							UP TO DATE QTY	14.620 CUM
2	ITEM NO. : 2 Excavation for foundation in hard murum including removing the excavated material upto distance of 50 metres beyond the building area and stacking and							
	LW	1.000	3.000	5.053	0.600	0.300	2.729	CUM
	LW CHANGING ROOM	1.000	1.000	1.430	0.600	0.300	0.257	CUM
	GENTS W.C LW	1.000	1.000	1.510	0.600	0.300	0.272	CUM
	LEDIES W.C LW	1.000	1.000	3.920	0.600	0.300	0.706	CUM
	S/W	1.000	13.000	1.200	0.600	0.300	2.808	CUM
							TOTAL QTY	6.770 CUM
							PRE.BILL QTY	0.00 CUM
							UP TO DATE QTY	6.770 CUM
3	ITEM NO. : 3 Providing and laying Cast in situ/Ready Mix cement concrete in M-10 of trap/ granite/ quartzite/ gneiss metal for foundation and bedding including bailing out water, Steel centering, formwork, laying/pumping,							
	LW	1.000	3.000	5.053	0.600	0.100	0.910	CUM
	LW CHANGING ROOM	1.000	1.000	1.430	0.600	0.100	0.086	CUM
	GENTS W.C LW	1.000	1.000	1.510	0.600	0.100	0.091	CUM
	LEDIES W.C LW	1.000	1.000	3.920	0.600	0.100	0.235	CUM
	S/W	1.000	13.000	1.200	0.600	0.100	0.936	CUM
	GENTS BLOCK PASSAGE	1.000	1.000	1.883	2.630	0.075	0.371	CUM
	LEDIES W.C LW	1.000	1.000	1.430	1.350	0.075	0.145	CUM
	CHANGING ROOM	1.000	1.000	1.050	0.600	0.075	0.047	CUM
	LEDIES BLOCK PASSAGE	1.000	1.000	4.590	1.200	0.075	0.413	CUM
	TOILET BLCOK	1.000	5.000	1.050	1.200	0.075	0.473	CUM
	STEPS	1.000	2.000	1.200	1.500	0.075	0.270	CUM
							TOTAL QTY	3.980 CUM
							PRE.BILL QTY	0.00 CUM
							UP TO DATE QTY	3.980 CUM
4	ITEM NO. : 4 Providing uncoursed rubble masonry of trap / granite / quartzite / gneiss stones in cement mortar 1:6 in foundation and plinth of inner walls / in							
	LW	1.000	3.000	5.053	0.450	0.825	5.628	CUM
	LW CHANGING ROOM	1.000	1.000	1.430	0.450	0.825	0.531	CUM
	GENTS W.C LW	1.000	1.000	1.510	0.450	0.825	0.561	CUM
	LEDIES W.C LW	1.000	1.000	3.920	0.450	0.825	1.455	CUM
	S/W	1.000	13.000	1.200	0.450	0.825	5.792	CUM
							TOTAL QTY	13.970 CUM
							PRE.BILL QTY	0.00 CUM
							UP TO DATE QTY	13.970 CUM

Name of Work : Construction of Toilet block unit for Mamasahab Mohol Vidyalaya At- Pondewadi Tal-Ambegaon Dist-Pune

Name of Contractor : M/S GURUDAYA ENTERPRISES AT-KHADAKWADI

RA BILL NO: 1st and Final RA BILL

MEASUREMENT SHEET

Item. No.	Description	Nos	Member	Length	Breadth	Height	Qty	Unit
5	ITEM NO. : 5 Providing second class Burnt Brick masonry with conventional/ I.S. type bricks in cement mortar 1:6 in foundations and plinth of inner walls/ in plinth external walls including bailing out water manually							
	LW	1.000	3.000	5.053	0.355	0.450	2.422	CUM
	LW CHANGING ROOM	1.000	1.000	1.430	0.355	0.450	0.228	CUM
	GENTS W.C LW	1.000	1.000	1.510	0.355	0.450	0.241	CUM
	LEDIES W.C LW	1.000	1.000	3.920	0.355	0.450	0.626	CUM
	S/W	1.000	13.000	1.200	0.355	0.450	2.492	CUM
	STEPS	1.000	2.000	0.300	0.150	1.200	0.108	CUM
	STEPS	1.000	2.000	0.600	0.150	1.200	0.216	CUM
	STEPS	1.000	1.000	0.900	0.150	1.200	0.162	CUM
				TOTAL QTY			6.500	CUM
				PRE.BILL QTY			0.00	CUM
				UP TO DATE QTY			6.500	CUM
6	ITEM NO. : 6 Providing second class Burnt Brick masonry with conventional/ I.S. type bricks in cement mortar 1:6 in foundations and plinth of inner walls/ in plinth external walls including bailing out water manually							
	LW	1.000	3.000	5.053	0.230	2.700	9.414	CUM
	LW CHANGING ROOM	1.000	1.000	1.430	0.230	2.700	0.888	CUM
	GENTS W.C LW	1.000	1.000	1.510	0.230	2.700	0.938	CUM
	LEDIES W.C LW	1.000	1.000	3.920	0.230	2.700	2.434	CUM
	S/W	1.000	13.000	1.200	0.230	2.700	9.688	CUM
	DED V	1.000	-10.000	0.380	0.230	0.530	-0.463	CUM
	D1	1.000	-2.000	0.850	0.230	2.100	-0.821	CUM
	D2	1.000	-5.000	0.750	0.230	2.100	-1.811	CUM
				TOTAL QTY			20.270	CUM
				PRE.BILL QTY			0.00	CUM
				UP TO DATE QTY			20.270	CUM
7	ITEM NO. : 7 Filling in plinth and floors with approved excavated material in 15cm. to 20cm. layers including							
	EQUAL TO QTY OF HARD MURUM 50%	1.000	1.000	6.770	0.500		3.385	CUM
								CUM
				TOTAL QTY			3.390	CUM
				PRE.BILL QTY			0.00	CUM
				UP TO DATE QTY			3.390	CUM
8	ITEM NO. : 8 Filling in plinth and floors with contractors material/brought from outside and approved by Engineer							
	PASSAGE	1.000	1.000	1.883	2.630	0.300	1.486	SQMT
		1.000	1.000	1.430	1.350	0.300	0.579	SQMT
	PASSAGE	1.000	1.000	4.590	1.200	0.300	1.652	SQMT
	W.C	1.000	6.000	1.050	1.200	0.300	2.268	SQMT
	DED ITEM NO 7 QTY						-3.390	SQMT
				TOTAL QTY			2.600	SQMT
				PRE.BILL QTY			0.00	SQMT
				UP TO DATE QTY			2.600	SQMT
9	ITEM NO. : 9 Providing and laying Cast in situ/Ready Mix cement concrete M-20 of trap / granite /quartzite/ gneiss metal for R.C.C. beams and lintels as per detailed designs and drawings or as directed including							
	DOOR LINTEL	1.000	2.000	5.053	0.230	0.150	0.349	CUM
		1.000	1.000	3.920	0.230	0.150	0.135	CUM
		1.000	8.000	1.200	0.230	0.150	0.331	CUM
	LW	1.000	2.000	5.053	0.230	0.255	0.593	CUM
	LW	1.000	1.000	3.920	0.230	0.255	0.230	CUM
	S/W	1.000	8.000	1.200	0.230	0.255	0.563	CUM
				TOTAL QTY			2.200	CUM



Name of Work : Construction of Toilet block unit for Mamasahab Mohol Vidyalaya At- Pondewadi Tal-Ambegaon Dist-Pune  
 Name of Contractor : M/S GURUDAYA ENTERPRISES AT-KHADAKWADI  
 RA BILL NO: 1st and Final RA BILL

MEASUREMENT SHEET								
Item. No.	Description	Nos	Member	Length	Breadth	Height	Qty	Unit
				PRE-BILL QTY			0.00	SQMT
				UP TO DATE QTY			2.200	SQMT
10	ITEM NO. : 10 Providing and laying Cast in situ/Ready Mix cement concrete M-20 of trap/ granite / quartzite/ gneiss metal for R.C.C. slabs and landings as per detailed designs and drawings including steel centering, formwork, cover blocks, laying/umping, compaction finishing the SLAB	1.000	1.000	5.353	4.820	0.130	3.354	CUM
	SLAB	1.000	1.000	4.223	1.443	0.130	0.792	CUM
							0.000	CUM
							0.000	CUM
							0.000	CUM
				TOTAL QTY			4.150	CUM
				PRE-BILL QTY			0.00	CUM
				UP TO DATE QTY			4.150	CUM
11	ITEM NO. : 11 Providing and fixing in position TMT - FE - 500 bar reinforcement of various diameters for R.C.C. pile caps, footings, foundations, slabs, beams/columns,	NOS	DIA OF BAR	LENGTH	TOTAL	KG/M	TOTAL KG	
	L/W DOOR LINTEL MAIN BAR TOP AND BOTTOM	8.000	10	5.053	40.424	0.617	24.950	KG
	STIRRUPS	68.000	8	0.600	40.800	0.395	16.116	KG
	L/W VENTILATOR MAIN BAR	4.000	10	3.920	15.680	0.617	9.675	KG
	STIRRUPS	27.000	8	0.600	16.200	0.395	6.399	KG
	L/W DOOR CHANGING ROOM	4.000	10	1.200	4.800	0.617	2.962	KG
	STIRRUPS	8.000	8	0.600	4.800	0.395	1.896	KG
	S/W W.C	4.000	10	5.950	23.800	0.617	14.685	KG
	STIRRUPS	40.000	8	0.600	24.000	0.395	9.480	KG
	S/W	8.000	10	2.630	21.040	0.617	12.982	KG
	STIRRUPS	18.000	8	0.600	10.800	0.395	4.266	KG
	SLAB BEAM BEAM BOTTOM	4.000	12	5.053	20.212	0.890	17.989	KG
	BEAM TOP	4.000	10	5.053	20.212	0.617	12.471	KG
	STIRRUPS	34.000	8	1.220	41.480	0.395	16.385	KG
	CURTAIL BAR	4.000	10	1.500	6.000	0.617	3.702	KG
	SLAB BEAM BEAM BOTTOM	4.000	12	3.920	15.680	0.890	13.955	KG
	BEAM TOP	4.000	10	3.920	15.680	0.617	9.675	KG
	STIRRUPS	52.000	8	1.220	63.440	0.395	25.059	KG
	CURTAIL BAR	4.000	10	1.500	6.000	0.617	3.702	KG
	S/W SLAB BEAM BEAM BOTTOM	4.000	12	5.950	23.800	0.890	21.182	KG
	BEAM TOP	4.000	10	5.950	23.800	0.617	14.685	KG
	STIRRUPS	80.000	8	1.220	97.600	0.395	38.552	KG
	CURTAIL BAR	4.000	10	1.500	6.000	0.617	3.702	KG
	SLAB LX	47.000	10	5.353	251.591	0.617	155.232	KG
	SLAB LY	40.000	10	6.250	250.000	0.617	154.250	KG
							593.948	KG
				TOTAL QTY			0.594	MT
				PRE-BILL QTY			0.00	MT
				UP TO DATE QTY			0.594	MT
12	ITEM NO. : 12 Providing internal cement plaster 12mm thick in single coat in cement mortar 1:4 without neeru finish to concrete or brick surfaces, in all positions including scaffolding and curing etc.							
	GENTS BLOCK CEILING	1.000	1.000	1.883	2.630		4.952	SQMT
		1.000	1.000	1.430	1.350		1.931	SQMT
	LADIES BLOCK PASSAGE CEILING	1.000	1.000	4.590	1.200		5.508	SQMT
		1.000	6.000	1.050	1.200		7.560	SQMT
	W.C	1.000	2.000	3.313	3.000		19.878	SQMT
	WALL	1.000	2.000	2.630	3.000		15.780	SQMT
	WALL	1.000	2.000	4.590	3.000		27.540	SQMT

Name of Work : Construction of Toilet block unit for Mamasahab Mohol Vidyalaya At- Pondewadi Tal-Ambegaon Dist-Pune

Name of Contractor : M/S GURUDAYA ENTERPRISES AT-KHADAKWADI

RA BILL NO: 1st and Final RA BILL

MEASUREMENT SHEET

Item. No.	Description	Nos	Member	Length	Breadth	Height	Qty	Unit
		1.000	2.000	1.200	3.000		7.200	SQMT
	W.C	1.000	6.000	4.500	3.000		81.000	SQMT
	DED D1	1.000	-2.000	0.850	2.100		-3.570	SQMT
	D 2	1.000	-6.000	0.750	2.100		-9.450	SQMT
	V	1.000	-10.000	0.350	0.850		-2.975	SQMT
				TOTAL QTY			155.350	SQMT
				PRE-BILL QTY			0.00	SQMT
				UP TO DATE QTY			155.350	SQMT
13	ITEM NO. : 13 Providing sand faced plaster externally in cement mortar using approved screened sand, in all positions including base coat of 15 mm thick in cement mortar 1:4 using waterproofing compound at 1 kg per cement bag curing the same for not less than 2 days and keeping the surface of the base coat rough to receive the sand faced treatment 6 to 8 mm thick in cement mortar 1:4 finishing the surface.							
	LW	1.000	2.000	5.053		3.300	33.350	SQMT
	S/W	1.000	2.000	5.950		3.300	39.270	SQMT
	DED D1	1.000	-2.000	0.850		2.100	-3.570	SQMT
	V	1.000	-10.000	0.350		0.850	-2.975	SQMT
							0.000	SQMT
				TOTAL QTY			66.070	SQMT
				PRE-BILL QTY			0.00	SQMT
				UP TO DATE QTY			66.070	SQMT

Name of Work : Construction of Toilet block unit for Mamasahab Mohol Vidyalaya At- Pondewadi Tal-Ambegaon Dist-Pune

Name of Contractor : M/S GURUDAYA ENTERPRISES AT-KHADAKWADI

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MEASUREMENT SHEET

Item. No.	Description	Nos	Member	Length	Breadth	Height	Qty	Unit
14	ITEM NO. : 14. Providing neeru finish to plastered surfaces in all positions including scaffolding and curing etc. complete. (INo32-15 , PgNo 210) ( STATE SSR ) Item Spec: (Bd. L.10, Page No.370)							
	GENTS BLOCK CEILING	1.000	1.000	1.883	2.630		4.952	SQMT
		1.000	1.000	1.430	1.350		1.931	SQMT
	LADIES BLOCK PASSAGE CEILING	1.000	1.000	4.590	1.200		5.508	SQMT
	W.C	1.000	6.000	1.050	1.200		7.560	SQMT
	WALL	1.000	2.000	3.313	3.000		19.878	SQMT
	WALL	1.000	2.000	2.630	3.000		15.780	SQMT
	WALL	1.000	2.000	4.590	3.000		27.540	SQMT
		1.000	2.000	1.200	3.000		7.200	SQMT
	W.C	1.000	6.000	4.500	3.000		81.000	SQMT
	DED D1	1.000	-2.000	0.850	2.100		-3.570	SQMT
	D 2	1.000	-6.000	0.750	2.100		-9.450	SQMT
	V	1.000	-10.000	0.350	0.850		-2.975	SQMT
	DED WALL TILES OF W.C	1.000	-6.000	4.500	1.200		-32.400	SQMT
	URINAL AREA	1.000	-1.000	2.100	1.450		-3.045	SQMT
							TOTAL QTY	122.950 SQMT
							PRE.BILL QTY	0.00 SQMT
							UP TO DATE QTY	122.950 SQMT
15	ITEM NO. : 15 Providing and fixing Black granite of 18 to 20 mm thick for door frame/ dado/ window boxing etc. On C.M. 1:6 including filling joints with polymer base filler nosing the sharp edges wherever necessary , curing, etc.complete.....(INo33-							
	MAIN DOOR	2.000	2.000	2.100		0.300	2.520	SQMT
		2.000	2.000	0.850		0.300	1.020	SQMT
	W.C DOOR	6.000	2.000	2.100		0.300	7.560	SQMT
		6.000	2.000	0.750		0.300	2.700	SQMT
	V	10.000	2.000	0.550		0.300	3.300	SQMT
		10.000	2.000	0.350		0.300	2.100	SQMT
	STEPS TREADERS	1.000	5.000	1.200		0.300	1.800	SQMT
		1.000	5.000	1.200		0.150	0.900	SQMT
							TOTAL QTY	21.900 SQMT
							PRE.BILL QTY	0.00 SQMT
							UP TO DATE QTY	21.900 SQMT
16	ITEM NO. : 16 Providing and fixing frame with / without ventilator of size as specified with Country non teak wood for doors and windows including chamfering, rounding, rebating, iron holdfast of size 300mm x 40mm x 5mm with oil painting, etc. complete							
	NOT EXECUTED						0.000	SQMT
							TOTAL QTY	0.000 SQMT
							PRE.BILL QTY	0.00 SQMT
							UP TO DATE QTY	0.000 SQMT
17	ITEM NO. : 17 Providing and fixing solid core flush door shutter commercial in single leaf 32 mm thick without ventilator commercial type of exterior grade as per							
	D1	1.000	2.000	0.850		2.100	3.570	SQMT
							0.000	SQMT
							TOTAL QTY	3.570 SQMT
							PRE.BILL QTY	0.00 SQMT
							UP TO DATE QTY	3.570 SQMT

Name of Work : Construction of Toilet block unit for Mamasahab Mohol Vidyalaya At- Pondewadi Tal-Ambegaon Dist-Pune

Name of Contractor : M/S GURUDAYA ENTERPRISES AT-KHADAKWADI

RA BILL NO: 1st and Final RA BILL

MEASUREMENT SHEET

Item. No.	Description	Nos	Member	Length	Breadth	Height	Qty	Unit
18	ITEM NO. : 18 Providing and fixing Solid fiber glass reinforced polyster door shutter 35 mm thick as per IS 14856 (2000) (Reaffirmed 2006) without ventilator including chromium plated fixtures and fastening with chromium plated handles on both sides, etc complete.....(INo39-59, PgNo 258) (- STATE SSR							
	D2	1.000	6.000	0.750		2.100	9.450	SQMT
							0.000	SQMT
							9.450	SQMT
							0.00	SQMT
							9.450	SQMT
19	ITEM NO. : 19 Providing and fixing in position powder coated aluminium louvered windows / ventilator of various sizes with powder coating as per detailed drawing and specifications including aluminium frames 80 x 38 mm x 1.22 mm box type 5 mm thick sheet							
	V	1.000	10.000	0.380		0.550	2.090	SQMT
							0.000	SQMT
	LW						2.090	SQMT
							0.00	SQMT
							2.090	SQMT
20	ITEM NO. : 20 Providing and applying plastic emulsion paint of approved quality, colour and shade to old & new surfaces in two coats including scaffolding, preparing the surface, (excluding the primer coat)etc.							
	GENTS BLOCK CEILING	1.000	1.000	1.883	2.630		4.952	SQMT
		1.000	1.000	1.430	1.350		1.931	SQMT
	LADIES BLOCK PASSAGE CEILING	1.000	1.000	4.590	1.200		5.508	SQMT
	W.C	1.000	6.000	1.050	1.200		7.560	SQMT
	WALL	1.000	2.000	3.313	3.000		19.878	SQMT
	WALL	1.000	2.000	2.630	3.000		15.780	SQMT
	WALL	1.000	2.000	4.590	3.000		27.540	SQMT
		1.000	2.000	1.200	3.000		7.200	SQMT
	W.C	1.000	6.000	4.500	3.000		81.000	SQMT
	DED D1	1.000	-2.000	0.850	2.100		-3.570	SQMT
	D 2	1.000	-6.000	0.750	2.100		-9.450	SQMT
	V	1.000	-10.000	0.350	0.850		-2.975	SQMT
	DED WALL TILES OF W.C	1.000	-6.000	4.500	1.200		-32.400	SQMT
	URINAL AREA	1.000	-1.000	2.100	1.450		-3.045	SQMT
							119.910	SQMT
							0.00	SQMT
							119.910	SQMT
21	ITEM NO. : 21 Providing and applying two coats of exterior acraylic emulsion paint confirming to corresponding I.S. of approved manufacture and of approved colour to the plastered surface including							
	LW	1.000	2.000	5.053		3.300	33.350	SQMT
	S/W	1.000	2.000	5.950		3.300	39.270	SQMT
	DED D1	1.000	-2.000	0.850		2.100	-3.570	SQMT
	V	1.000	-10.000	0.350		0.850	-2.975	SQMT
							0.000	SQMT
							66.070	SQMT
							0.00	SQMT
							66.070	SQMT



Name of Work : Construction of Toilet block unit for Mamasahab Mohol Vidyalaya At- Pondewadi Tal-Ambegaon Dist-Pune

Name of Contractor : M/S GURUDAYA ENTERPRISES AT-KHADAKWADI

RA BILL NO: 1st and Final RA BILL

MEASUREMENT SHEET

Item. No.	Description	Nos	Member	Length	Breadth	Height	Qty	Unit
22	ITEM NO. : 22 Providing and laying Antiskid Ceramic tiles of approved quality of size 30 cm x 30 cm and confirming to IS 15622-2006 (Group-B IIA) for antiskid flooring in required position laid on a bed of 1:4 cement mortar including cement float, filling joint with cement slurry cleaning curing etc. Complete							
	GENTS TOILET PASSAGE	1.000	1.000	1.883	2.630		4.952	SQMT
		1.000	1.000	1.430	1.350		1.931	SQMT
	LADIES BLOCK PASSAGE	1.000	1.000	4.590	1.200		5.508	SQMT
	W.C	1.000	6.000	1.050	1.200		7.560	SQMT
							0.000	SQMT
						TOTAL QTY	19.950	SQMT
						PRE.BILL QTY	0.00	SQMT
						UP TO DATE QTY	19.950	SQMT
23	ITEM NO. : 23 Providing and laying ceramic tiles having size 30 cm. X 30 cm. For dado and skirting in required position with readymade adhesive mortar of approved quality on plaster of 1:2 cement mortar including joint filling with white/ colour cement slurry cleaning curing etc. Complete.							
	SKIRTING	1.000	1.000	2.630		0.230	0.605	SQMT
		1.000	1.000	2.100		0.230	0.483	SQMT
		1.000	1.000	3.690		0.230	0.849	SQMT
	URINAL WALL	1.000	1.000	2.100		1.450	3.045	SQMT
	WASH BASIN	2.000	1.000	0.900		0.900	1.620	SQMT
	W.C	1.000	6.000	4.500		1.200	32.400	SQMT
	DED D1	1.000	-6.000	0.750		1.200	-5.400	SQMT
						TOTAL QTY	33.600	SQMT
						PRE.BILL QTY	0.00	SQMT
						UP TO DATE QTY	33.600	SQMT
24	ITEM NO. : 24 Providing and fixing machine cut mirror polished 18 mm to 20 mm thick telephone black / Amba White / Cat bary brown / RBI red / Ocean Brown granite stone partition with rounding the edges etc. complete. One side polish..							
	URINAL PARTITION	1.000	3.000	0.900		0.300	0.810	SQMT
							0.000	SQMT
						TOTAL QTY	0.810	SQMT
						PRE.BILL QTY	0.00	SQMT
						UP TO DATE QTY	0.810	SQMT
25	ITEM NO. : 25 Providing and fixing C.P. BIB cock with wall flange of approved make including necessary sockets/ union nut etc. complete as directed by Engineer in charge.							
	BELOW WASH BASIN	1.000	2.000				2.000	Nos
						TOTAL QTY	2.000	Nos
						PRE.BILL QTY	0.00	Nos
						UP TO DATE QTY	2.000	Nos
26	ITEM NO. : 26 Providing and fixing 15 mm dia. Screw down bib/ stop tap of brass including necessary socket union nut complete							
	W.C	1.000	5.000				5.000	Nos
						TOTAL QTY	5.000	Nos
						PRE.BILL QTY	0.00	Nos
						UP TO DATE QTY	5.000	Nos
27	ITEM NO. : 27 Providing and fixing white glazed earthenware lipped flat/corner type Urinal with PVC 5 Liters flushing cister							

Name of Work : Construction of Toilet block unit for Mamasahab Mohol Vidyalaya At- Pondewadi Tal-Ambegaon Dist-Pune								
Name of Contractor : M/S GURUDAYA ENTERPRISES AT-KHADAKWADI								
RA BILL NO: 1st and Final RA BILL								
MEASUREMENT SHEET								
Item. No.	Description	Nos	Member	Length	Breadth	Height	Qty	Unit
	URINAL POT	1.000	3.000				3.000	Nos
							TOTAL QTY	3.000 Nos
							PRE.BILL QTY	0.00 Nos
							UP TO DATE QTY	3.000 Nos
28	ITEM NO. : 28 Providing and fixing Orissa type white glazed earthenware 575 mm water closet pan including S trap with earthenware foot rests, cast iron soil and vent pipe upto outside face of the wall 1:2:4 brick bat lime W.C	1.000	5.000				5.000	Nos
							TOTAL QTY	5.000 Nos
							PRE.BILL QTY	0.00 Nos
							UP TO DATE QTY	5.000 Nos
29	ITEM NO. : 29 Providing and Fixing half turn 25 mm dia gun metal flushing cock including all accessories etc. complete.....							
	NOT EXECUTED	1.000	0.000				0.000	Nos
							TOTAL QTY	0.000 Nos
							PRE.BILL QTY	0.00 Nos
							UP TO DATE QTY	0.000 Nos
30	ITEM NO. : 30 Providing and fixing 75 mm dia stabiliser pipe/ P.V.C. soil vent/waste pipe and with necessary fixtures and fitting such as bends, tees, single junctions, slotted vent, clamps etc. complete....(INo42-51 , PgNo 279) ( STATE SSR )							
	VENT PIPE NOT EXECUTED	1.000	0.000				0.000	RMT
							TOTAL QTY	0.000 RMT
							PRE.BILL QTY	0.00 RMT
							UP TO DATE QTY	0.000 RMT
31	ITEM NO. : 31 Providing and fixing 100 mm dia stabiliser pipe/ P.V.C. soil vent/waste pipe and with necessary fixtures and fitting such as bends, tees, single junctions, slotted vent, clamps etc. complete....(INo42-52 , PgNo 279)							
	W.C TO SEPTIK TANK	1.000	8.000				8.000	RMT
	W.C TO SEPTIK TANK	1.000	5.000				5.000	RMT
							TOTAL QTY	13.000 RMT
							PRE.BILL QTY	0.00 RMT
							UP TO DATE QTY	13.000 RMT
32	ITEM NO. : 32 Providing and fixing H.D.P container Syntex or alike one piece moulded water tank made out of low density polythylene and built corrugation including of delivery up to destination hoisting and fixing of							
	PLASTO TANK	1.000	500.000				500.000	LITR
							TOTAL QTY	500.000 LITR
							PRE.BILL QTY	0.00 LITR
							UP TO DATE QTY	500.000 LITR
33	ITEM NO. : 33 Providing and fixing on walls/ ceiling/ floor 15 mm dia. CPVC pipe with necessary fittings, remaking good the demolished portion etc. complete. Including removing existing pipe line if necessary and							
	W.C	1.000	20.000				20.000	RMT
							TOTAL QTY	20.000 RMT
							PRE.BILL QTY	0.00 RMT
							UP TO DATE QTY	20.000 RMT
34	ITEM NO. : 34 Providing and fixing on walls/ ceiling/ floor 25 mm dia. CPVC pipe with necessary fittings, remaking good the demolished portion etc. complete. Including removing existing pipe line if necessary and							

RA BILL NO: 1st and Final RA BILL

Item. No.	Description	Nos	Member	Length	Breadth	Height	Qty	Unit
	W.C	1.000	20.000				20.000	RMT
						TOTAL QTY	20.000	RMT
						PRE.BILL QTY	0.00	RMT
						UP TO DATE QTY	20.000	RMT
35	ITEM NO. : 35 providing and fixing oval type under counter wash hand basin of 16 inch x 22 inch size and of special colour shade having telephonic black / coloured granite of 180 mm thick stone black kadappa framework							
	WASH BASIN	1.000	2.000				2.000	Nos
						TOTAL QTY	2.000	Nos
						PRE.BILL QTY	0.00	Nos
						UP TO DATE QTY	2.000	Nos
36	ITEM NO. : 36 Providing and fixing hume pipe septic tank 900mm diameter with vent pipe and cap including necessary (including excavation and laying)....(INo42-18 , PNL- 035) (STATE GOV)							
	SEPTIK TANK	1.000	1.000				1.000	Nos
						TOTAL QTY	1.000	Nos
						PRE BILL QTY	0.00	Nos
						UP TO DATE QTY	1.000	Nos

गुरू-दया एंटरप्रायझेस

S. G. Pokharel  
प्रोप्रायटर



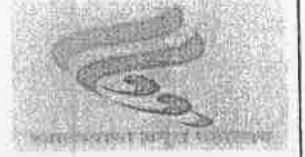
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1941	10/4	10:00	11:00	1000	1000	1000	1000
1941	10/5	10:00	11:00	1000	1000	1000	1000
1941	10/6	10:00	11:00	1000	1000	1000	1000
1941	10/7	10:00	11:00	1000	1000	1000	1000
1941	10/8	10:00	11:00	1000	1000	1000	1000
1941	10/9	10:00	11:00	1000	1000	1000	1000
1941	10/10	10:00	11:00	1000	1000	1000	1000
1941	10/11	10:00	11:00	1000	1000	1000	1000
1941	10/12	10:00	11:00	1000	1000	1000	1000
1941	10/13	10:00	11:00	1000	1000	1000	1000
1941	10/14	10:00	11:00	1000	1000	1000	1000
1941	10/15	10:00	11:00	1000	1000	1000	1000
1941	10/16	10:00	11:00	1000	1000	1000	1000
1941	10/17	10:00	11:00	1000	1000	1000	1000
1941	10/18	10:00	11:00	1000	1000	1000	1000
1941	10/19	10:00	11:00	1000	1000	1000	1000
1941	10/20	10:00	11:00	1000	1000	1000	1000
1941	10/21	10:00	11:00	1000	1000	1000	1000
1941	10/22	10:00	11:00	1000	1000	1000	1000
1941	10/23	10:00	11:00	1000	1000	1000	1000
1941	10/24	10:00	11:00	1000	1000	1000	1000
1941	10/25	10:00	11:00	1000	1000	1000	1000
1941	10/26	10:00	11:00	1000	1000	1000	1000
1941	10/27	10:00	11:00	1000	1000	1000	1000
1941	10/28	10:00	11:00	1000	1000	1000	1000
1941	10/29	10:00	11:00	1000	1000	1000	1000
1941	10/30	10:00	11:00	1000	1000	1000	1000
1941	10/31	10:00	11:00	1000	1000	1000	1000

1000 1000 1000 1000

1000 1000



महाराष्ट्र शासन  
जिल्हा नियोजन समिती  
जिल्हाधिकारी कार्यालय, पुणे



दूरध्वनी क्र.: 020-26121012

ई-मेल: dpopune85@gmail.com

जा.क्र.जिनिसपुनि-४/CER/२०२५/E-965426

दि. ०३/०३/२०२५

## आदेश

विषय :- Corporate Environment Responsibility (CER) अंतर्गत करण्यात येणाऱ्या कामांना मान्यता देणेबाबत....

संदर्भ: १. दि. २४/०८/२०२३ चे बैठकीचे इतिवृत्त मा. जिल्हाधिकारी कार्यालय पुणे (महसूल शाखा) जा.क्र. पमन/CER/एसआर/०२/२०२३,

दि. ०१/०९/२०२३

२. भीमाशंकर सहकारी साखर कारखाना लि. ता. आंबेगाव, जि. पुणे यांचे पत्र क्र. भीमाशंकर/उत्पादन/३६१९, दि. २९/०१/२०२५

भीमाशंकर कारखान्यापासून १० किमी परीसरातील ११ गावांमध्ये Corporate Environment Responsibility (CER) अंतर्गत येणाऱ्या पर्यावरणपूरक कामांसाठी रु. ९३,८८,०६४/- खर्चाचे अंदाजपत्रक तयार करून सदरील कामांना मंजूरी मिळाली आहे.

उपरोक्त संदर्भ क्र. १ अन्वये भैरवनाथ माध्यमिक आणि उच्च माध्यमिक विद्यालय, लोणी हया शाळेस स्वच्छतागृह देणे या रु. ८,६९,००८ लक्ष किमतीच्या कामास मंजूरी मिळालेली आहे.

उपरोक्त संदर्भ क्र. २ चे पत्रान्वये, भीमाशंकर सहकारी साखर कारखाना लि. ता. आंबेगाव, जि. पुणे यांनी Corporate Environment Responsibility (CER) अंतर्गत यापूर्वी मंजूर काम भैरवनाथ माध्यमिक आणि उच्च माध्यमिक विद्यालय, लोणी हया शाळेस स्वच्छतागृह देणे या कामाऐवजी भैरवनाथ माध्यमिक आणि उच्च माध्यमिक विद्यालय, लोणी येथील मुलांना बसण्याकरीता बेंचेस देणे असा काम बदलाचा प्रस्ताव या कार्यालयास प्राप्त झालेला आहे. सदर कामाच्या रक्कमेमध्ये कोणताही बदल दिसून येत नाही.

पर्यावरण, वन एवं जल वायू परिवर्तन मंत्रालय, नवी दिल्ली यांचे परिपत्रक दि. ०१/०५/२०१८ नुसार स्थानिक गरजेनुसार नवीन कामे व अस्तित्वातील कामांमध्ये बदल करण्याचे अधिकार जिल्हाधिकारी यांना देण्यात आले आहेत.

त्यास अधिन राहून खालीलप्रमाणे पूर्वी प्रस्तावित करण्यात आलेल्या कामात बदल करून सुधारित कामास मान्यता देण्यात येते आहे.

अ.क्र.	पूर्वी प्रस्तावित करण्यात आलेले काम	रक्कम रु.	सुधारित प्रस्तावित करण्यात आलेले काम	रक्कम रु.
१	भैरवनाथ माध्यमिक आणि उच्च माध्यमिक विद्यालय, लोणी हया शाळेस स्वच्छतागृह देणे	८,६९,००८	भैरवनाथ माध्यमिक आणि उच्च माध्यमिक विद्यालय, लोणी येथील मुलांना बसण्याकरीता बेंचेस देणे	८,६९,००८

वरील सुधारित प्रस्तावित कामाचे सनियंत्रण व अभिलेख हे उपसंचालक, माध्यमिक शिक्षण विभाग पुणे, मे. सुलभ इंटरनॅशनल ऑर्गनायझेशन मुंबई यांनी ठेवावयाचे असून त्याबाबतचा अहवाल या कार्यालयास सदर करण्यात यावा.

Signed by

Jitendra Dudli

(जितेंद्र दुदली)

Date: 03-03-2025 21:49:40

जिल्हाधिकारी, पुणे

प्रति :- उपसंचालक, माध्यमिक शिक्षण विभाग, पुणे विभाग, पुणे

प्रत:- १. मे. सुलभ इंटरनॅशनल ऑर्गनायझेशन मुंबई

२. कार्यकारी संचालक, भीमाशंकर सहकारी साखर कारखाना लि. दत्तात्रयनगर, पारगाव तर्फे अचसरी बु. ता. आंबेगाव, जि. पुणे



# BHIMASHANKAR

SAHAKARI SAKHAR KARKHANA LTD,

Battatray Nagar, Pargaon via Avasari Bk, Tal: Ambegaon, Dist: Pune. Phone: (02133) 284270, Fax No: 284381

## PURCHASE ORDER

Req No :-

199/

To, Vendor Code: 4364  
M/S GURUMAUJI KRUPA ENTERPRISES ✓

S.NO. 152/32, LAYGUDEMALA, NEAR RAJ  
GARDEN, DHAYARI, PUNE 411 041

pune

Phone No: 9637273145

Mobile: 9764183642

E-Mail Id: -jotiba\_malavi@rediffmail.com

BSSK/PO/490/2025-26  
Purchase Order No: 29

Date :- 26/05/2025  
Date:- 26/05/2025

VAT TIN No: 27640410585-V Dt: 1/4/2006 CST TIN No: 27640410585-C Dt: 1/4/2006

E.C.C. No: AAAABO949G-XM-001/PAN No: AAAABO949G

GSTIN: 27AAAAB0949G1ZZ

E-mail :- bsskltd@gmail.com

SUBJECT TO GHODEGAON JURISDICTION

Ref :- SCHOOL BENCH BOD MEETING DT. 26/04/2025

We are pleased to place with you our order as shown below subject to the terms & conditions mentioned.

Note: 1. Compulsory Mention HSN code no. & Itemwise Tax details in GST Tax Invoice

2. Purchase Order No. must appear on all invoices, packing slips & /boxes. Packing slip must accompany each delivery and be attached to outside of at least one packages.

Delivery: UP TO 15/06/2025 ✓

Ship To: SITE DELIVERY ✓

Payment: AFTER RECEIPT & APPROVAL OF THE MATERIAL ✓

No	Item cd / HSN	Particulars	Quantity	Unit	Rate	Tax	Amount
1	20607	1ST- 4TH STD. TWO SEATER BENCH SIZE-L32"XW28"XH26" TOP AND SEAT IN 18MM COMMERCIAL PLY WITH ONE SIDE LAMINATE. SIDE IN LIPPING PATTI WITH NATURAL POLISH FRAME IN 18G "2X1", "1X1" SQUIRE PIPE. FRANT IN 18G PERFORATED SHEET WITH BLACK POWDER COATING	54.00	numbers	2800.00	18%	151200.00
2	20608	5TH- 8TH STD. TWO SEATER BENCH SIZE-L36"XW30"XH30" TOP AND SEAT IN 18MM COMMERCIAL PLY WITH ONE SIDE LAMINATE. SIDE IN LIPPING PATTI WITH NATURAL POLISH FRAME IN 18G "2X1", "1X1" SQUIRE PIPE. FRANT IN 18G PERFORATED SHEET WITH BLACK POWDER COATING	100.00	numbers	3400.00	18%	340000.00
3	20609	9TH-12TH STD. TWO SEATER BENCH SIZE-L42"XW32"XH32" TOP AND SEAT IN 18MM COMMERCIAL PLY WITH ONE SIDE LAMINATE. SIDE IN LIPPING PATTI WITH NATURAL POLISH FRAME IN 18G "2X1", "1X1" SQUIRE PIPE. FRANT IN 18G PERFORATED SHEET WITH BLACK POWDER COATING	100.00	numbers	3700.00	18%	370000.00

Total Amount 861,200.00 ✓

CGST

CGST

9.000 %

77508.00 ✓

SGST

SGST

9.000 %

77508.00 ✓

# BHIMASHANKAR

SAHAKARI SAKHAR KARKHANA LTD,

Dattatray Nagar, Pargaon via Avasari Bk, Tal: Ambegaon, Dist: Pune. Phone: (02133) 284270, Fax No: 284381

## PURCHASE ORDER

Req No :-

199/

To, Vendor Code: 4364  
M/S GURUMALI KRUPA ENTERPRISES

S.NO. 152/32, LAYGUDEMALA, NEAR RAJ  
GARDEN, DHAYARI, PUNE 411 041

pune

Phone No: 9637273145

Mobile: 9764183642

E-Mail Id: jotiba\_malavi@rediffmail.com

BSSK/PO/

Purchase Order. No: 29

Date :-

Date:- 26/05/2025

VAT TIN No: 27640410585-V Dt: 1/4/2006 CST TIN No: 27640410585-C Dt: 1/4/2006

E.C.C. No: AAAABO949G-XM-001/PAN No: AAAABO949G

GSTIN: 27AAAAAB0949G1ZZ

E-mail:- bsskltd@gmail.com

SUBJECT TO GHODEGAON JURISDICTION

Ref:- SCHOOL BENCH BOD MEETING DT. 26/04/2025

We are pleased to place with you our order as shown below subject to the terms & conditions mentioned.

Note: 1. Compulsory Mention HSN code no. & Itemwise Tax details in GST Tax Invoice

2. Purchase Order No. must appear on all invoices, packing slips & /boxes. Packing slip must accompany each delivery and be attached to outside of at least one packages.

Delivery: UP TO 15/06/2025

Ship To: SITE DELIVERY

Payment: AFTER RECEIPT & APPROVAL OF THE MATERIAL

Total Values (Rs.): 1016216.00

Net Payable Amount: 1016216.00

### ACCEPTANCE BY VENDOR

This order is hereby accepted as per requirement & specification shown above

Firm Name: \_\_\_\_\_

By: \_\_\_\_\_

Time: \_\_\_\_\_

Date: \_\_\_\_\_

FOR BHIMASHANKAR SAHAKARI  
SAKHAR KARKHANA LTD.

Purchase Officer

Head of the Department

MANAGING DIRECTOR

# Note: Material will not be accepted without Original GST Invoice / Bill.

Copy To:- Purchase/Account/Store/Engg./Agri./Mfg./Civil/Admin./Master.



(REGD. NO.:P.N.A/A.G.N/P.R./G.(A) S-47/1994 DT.31/3/1994) **GSTIN : 27AAAAB0949G1ZZ**

Dattatraynagar, Pargaon Via Awasari (Bk.) Tal : Ambegaon, Dist : Pune. 412 406

Tel.fax : (02133) 284241, 284270, 9975568130, 8888846990 Email : bsskld@gmail.com, Website : www.bhimashankarssk.com, www.bsskl.sets.co.in

जा.क्र.: भीमाशंकर / सिव्हील / १५०५

/ २०२४-२५

दि.२२/०७/२०२४

वर्कऑर्डर

प्रति,

श्री यश अभय भंडारी,

मु.पो.शिंगवे

ता.आंबेगाव, जि.पुणे

विषय :- मौजे शिंगवे येथील जि.प.प्राथमिक शाळेसाठी शौचालय युनिटचे बांधकाम करणेच्या कामाबाबत..  
महोदय,

वरील विषयास अनुसरून, कारखान्यामार्फत मौजे शिंगवे येथील जि.प.प्राथमिक शाळेसाठी शौचालय युनिटचे बांधकाम करणेच्या कामासाठी आपण सादर केलेली निविदा व त्यावर मा. कार्यकारी समिती सभा दि.२२/०७/२०२४ मध्ये आपणाशी समक्ष झालेल्या चर्चेनुसार सदर काम आपणास एस्टिमेट रक्कम रु. ८,६१,००८/- पेक्षा १७.८०% कमी दराने मंजूर करण्यात आले आहे

कामाच्या अटी व शर्ती खालीलप्रमाणे राहतील

१) कामाची मुदत १ महिना राहिल.

२) कामासाठी लागणारे सर्व साहित्य व मजूर आपण स्वतः आणावयाचे आहेत.

३) काम चालू असताना कारखाना मालमत्तेचे नुकसान झाल्यास त्याची भरपाई आपणाकडून करण्यात येईल.  
मजुरांचा अपघात झाल्यास त्याची सर्वस्वी जबाबदारी आपली राहिल कारखान्याची कोणतीही जबाबदारी राहणार नाही.

४) कामाच्या बिलाच्या एकूण ५% रक्कम रेग्युलर सिक्युरिटी डिपॉझिट म्हणून कपात करण्यात येईल.  
सदर सिक्युरिटी डिपॉझिट रक्कम १२ महिन्यांचा डिफेक्ट लायबिलिटी पिरियड संपल्यानंतर अदा केली जाईल.

५) सदर निविदा एस्टिमेट रक्कमेच्या उणे १०% पेक्षा जास्त (उणे १७.८०%) असल्याने १०% कमी दरापर्यंत १% व १५% कमी दरापर्यंत १५.००% -१०% = ५.००% तसेच (१७.८०%-१५%) = २.८०% करीता (२.८० x २) = ५.६०% असे एकूण १+५+५.६० = ११.६०% अॅडीशनल परफॉर्मन्स सिक्युरिटी डिपॉझिट रु. ९९,८७७/- रक्कमेचा भरणा करावा. अॅडीशनल परफॉर्मन्स सिक्युरिटी डिपॉझिट रक्कम भरणा केल्यानंतरच काम सुरु करण्यास परवानगी देण्यात येईल. सदरची रक्कम काम पूर्ण झाल्यानंतर कामाच्या अंतिम बिलासोबत अदा करण्यात येईल.

६) केंद्र व राज्य शासनाच्या कर विषयक धोरणानुसार वरील कामास लागू असलेला जी.एस.टी.

आपणास स्वतंत्र अदा केला जाईल याकरीता जी.एस.टी.साठी विहीत नमुन्यात बिल सादर करावे लागेल व जी.एस.टी.चा भरणा करून भरणा रिसीट कारखान्याकडे जमा करावी.



(REGD. NO.:P.N.A/A.G.N/P.R./G.(A) S-47/1994 DT.31/3/1994) **GSTIN : 27AAAAB0949G1ZZ**

Dattatraynagar, Pargaon Via Awasari (Bk.) Tal : Ambegaon, Dist : Pune. 412 406

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- ७) कामासाठी लागणारे आवश्यक मटेरियल कारखाना स्टोअर्समध्ये उपलब्ध असल्यास कारखाना दराने देण्यात येईल व त्याची वसुली बिलातून करण्यात येईल.
- ८) कामाचे कालावधीत आपण लेखी स्वरूपात मागणी केल्यास कामाच्या आवश्यकतेनुसार डिझेल पंपावरून कारखान्याने ठरविलेल्या दराप्रमाणे उधारीने डिझेल देण्यात येईल व डिझेलची होणारी रक्कम बिलातून वसूल केली जाईल.
- ९) कामासाठी लागणारे पाणी व लाईटची व्यवस्था आपण स्वतः करावयाची आहे.
- १०) आपलेकडे काम करणाऱ्या सर्व कामगारांच्या सुरक्षिततेच्या दृष्टीने आवश्यक असणारी साधने उदा. सेफ्टी बेल्ट, हेल्मेट, हँड ग्लोज इ. वापरणे आपणास बंधनकारक आहे.
- ११) आपलेकडे काम करणाऱ्या सर्व मजुरांचा एम्प्लॉयमेंट कॉम्पेन्सेशन ॲक्टनुसार विमा घ्यावा लागेल व विमाकागदपत्रे सादर केल्यानंतरच काम सुरु करणेस परवानगी दिली जाईल.
- १२) करारनामा करणेसाठी रु.५००/- चा स्टॅप पेपर त्वरीत सादर करावा.

तरी आपण सिव्हील विभागाशी संपर्क साधून त्वरीत कामास सुरुवात करावी.

प्र. कार्यकारी संचालक

प्रत:- अकौंट / सिव्हील / मास्टर





(REGD. NO.:P.N.A/A.G.N/P.R./G.(A) S-47/1994 DT.31/3/1994) **GSTIN : 27AAAAB0949G1ZZ**

Dattatraynagar, Pargaon Via Awasari (Bk.) Tal : Ambegaon, Dist : Pune. 412 406

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जा.क्र.: भीमाशंकर / सिव्हील / १५०३ / २०२४-२५

दि.२९/०७/२०२४

वर्कऑर्डर

प्रति,

मे.नंदादीप कंस्ट्रक्शन

मु.पो.राजुरी

ता.जुन्नर, जि.पुणे

विषय :- मौजे पारगाव येथे संगमेश्वर माध्य. व उच्च माध्य. विद्यालयासाठी शौचालय युनिटचे बांधकाम करणेच्या कामाबाबत..

महोदय,

वरील विषयास अनुसरून, कारखान्यामार्फत मौजे पारगाव येथे संगमेश्वर माध्य. व उच्च माध्य. विद्यालयासाठी शौचालय युनिटचे बांधकाम करणेच्या कामासाठी आपण सादर केलेली निविदा व त्यावर मा. कार्यकारी समिती सभा दि.२२/०७/२०२४ मध्ये आपणाशी समक्ष झालेल्या चर्चेनुसार सदर काम आपणास एस्टिमेट रक्कम रु. ८,६१,००८/- पेक्षा १८.६०% कमी दराने मंजूर करण्यात आले आहे

कामाच्या अटी व शर्ती खालीलप्रमाणे राहतील

- १) कामाची मुदत १ महिना राहिल.
- २) कामासाठी लागणारे सर्व साहित्य व मजूर आपण स्वतः आणावयाचे आहेत.
- ३) काग चालू असतांना कारखाना मालमत्तेचे नुकसान झाल्यास त्याची भरपाई आपणाकडून करण्यात येईल. मजुरांचा अपघात झाल्यास त्याची सर्वस्वी जबाबदारी आपली राहिल कारखान्याची कोणतीही जबाबदारी राहणार नाही.
- ४) कामाच्या बिलाच्या एकूण ५% रक्कम रेग्युलर सिक्युरिटी डिपॉझीट म्हणून कपात करण्यात येईल. सदर सिक्युरिटी डिपॉझीट रक्कम १२ महिन्यांचा डिफेक्ट लायबिलिटी पिरियड संपल्यानंतर अदा केली जाईल.
- ५) सदर निविदा एस्टिमेट रक्कमेच्या उणे १०% पेक्षा जास्त (उणे १८.६०%) असल्याने १०% कमी दरापर्यंत १% व १५% कमी दरापर्यंत १५.००% - १०% = ५.००% तसेच (१८.६०% - १५%) = ३.६०% करिता (३.६० x २) = ७.२०% असे एकूण १ + ५ + ७.२० = १३.२०% अॅडीशनल परफॉर्मन्स सिक्युरिटी डिपॉझीट रु. १,१३,६५३/- रक्कमेचा भरणा करावा. अॅडीशनल परफॉर्मन्स सिक्युरिटी डिपॉझीट रक्कम भरणा केल्यानंतरच काम सुरु करण्यास परवानगी देण्यात येईल. सदरची रक्कम काम पूर्ण झाल्यानंतर कामाच्या अंतिम बिलासोबत अदा करण्यात येईल.
- ६) केंद्र व राज्य शासनाच्या कर विषयक धोरणानुसार वरील कामास लागू असलेला जी.एस.टी. आपणास स्वतंत्र अदा केला जाईल याकरीता जी.एस.टी.साठी विहीत नमुन्यात बिल सादर करावे लागेल व जी.एस.टी.चा भरणा करून भरणा रिसीट कारखान्याकडे जमा करावी.



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- ७) कामासाठी लागणारे आवश्यक मटेरियल कारखाना स्टोअर्समध्ये उपलब्ध असल्यास कारखाना दराने देण्यात येईल व त्याची वसुली बिलातून करण्यात येईल.
  - ८) कामाचे कालावधीत आपण लेखी स्वरूपात मागणी केल्यास कामाच्या आवश्यकतेनुसार डिझेल पंपावरून कारखान्याने ठरविलेल्या दराप्रमाणे उधारीने डिझेल देण्यात येईल व डिझेलची होणारी रक्कम बिलातून वसूल केली जाईल.
  - ९) कामासाठी लागणारे पाणी व लाईटची व्यवस्था आपण स्वतः करावयाची आहे.
  - १०) आपलेकडे काम करणाऱ्या सर्व कामगारांच्या सुरक्षिततेच्या दृष्टीने आवश्यक असणारी साधने उदा. सेफ्टी बेल्ट, हेल्मेट, हँड ग्लोज इ. वापरणे आपणास बंधनकारक आहे.
  - ११) आपलेकडे काम करणाऱ्या सर्व मजुरांचा एम्प्लॉयमेंट कॉम्पेन्सेशन ॲक्टनुसार विमा घ्यावा लागेल व विमाकागदपत्रे सादर केल्यानंतरच काम सुरु करणेस परवानगी दिली जाईल.
  - १२) करारनामा करणेसाठी रु.५००/- चा स्टॅप पेपर त्वरीत सादर करावा.
- तरी आपण सिव्हील विभागाशी संपर्क साधून त्वरीत कामास सुरुवात करावी.

प्रत:- अकॉंट / सिव्हील / मास्टर

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दि.२९/०७/२०२४

वर्कऑर्डर

प्रति,

श्री सुमित दत्तात्रय भोर,

मु.पो.रांजणी

ता.आंबेगाव, जि.पुणे

विषय :- नरसिंह विद्यालय रांजणी भाग शाळा वळती येथे शौचालय युनिटचे बांधकाम करणेच्या कामाबाबत..

महोदय,

वरील विषयास अनुसरून, कारखान्यामार्फत नरसिंह विद्यालय रांजणी भाग शाळा वळती येथे शौचालय युनिटचे बांधकाम करणेच्या कामासाठी आपण सादर केलेली निविदा व त्यावर मा. कार्यकारी समिती सभा दि.२२/०७/२०२४ मध्ये आपणाशी समक्ष झालेल्या चर्चेनुसार सदर काम आपणास एस्टिमेट रक्कम रु. ८,६१,००८/- पेक्षा १९.१०% कमी दराने मंजूर करण्यात आले आहे

कामाच्या अटी व शर्ती खालीलप्रमाणे राहतील

- १) कामाची मुदत १ महिना राहिल.
- २) कामासाठी लागणारे सर्व साहित्य व मंजूर आपण स्वतः आणावयाचे आहेत.
- ३) काम चालू असताना कारखाना मालमत्तेचे नुकसंन झाल्यास त्याची भरपाई आपणाकडून करण्यात येईल. मजुरांचा अपघात झाल्यास त्याची सर्वस्वी जबाबदारी आपली राहिल कारखान्याची कोणतीही जबाबदारी राहणार नाही.
- ४) कामाच्या बिलाच्या एकूण ५% रक्कम रेग्युलर सिक्युरिटी डिपॉझीट म्हणून कपात करण्यात येईल. सदर सिक्युरिटी डिपॉझीट रक्कम १२ महिन्यांचा डिफेक्ट लायबिलिटी पिरियड संपल्यानंतर अदा केली जाईल.
- ५) सदर निविदा एस्टिमेट रक्कमेच्या उणे १०% पेक्षा जास्त (उणे १९.१०%) असल्याने १०% कमी दरापर्यंत १% व १५% कमी दरापर्यंत १५.००% -१०% = ५.००% तसेच (१९.१०%-१५%) = ४.१०% करीता (४.१० x २) = ८.२०% असे एकूण १+५+८.२० = १४.२०% अॅडीशनल परफॉर्मन्स सिक्युरिटी डिपॉझीट रु. १,२२,२६३/- रक्कमेचा भरणा करावा. अॅडीशनल परफॉर्मन्स सिक्युरिटी डिपॉझीट रक्कम भरणा केल्यानंतरच काम सुरु करण्यास पश्वानगी देण्यात येईल. सदरची रक्कम काम पूर्ण झाल्यानंतर कामाच्या अंतिम बिलासोबत अदा करण्यात येईल.
- ६) केंद्र व राज्य शासनाच्या कर विषयक धोरणानुसार वरील कामास लागू असलेला जी.एस.टी. आपणास स्वतंत्र अदा केला जाईल याकरीता जी.एस.टी.साठी विहित नमुन्यात बिल सादर करावे लागेल व जी.एस.टी.चा भरणा करून भरणा रिसीट कारखान्याकडे जमा करावी.



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- ७) कामासाठी लागणारे आवश्यक मटेरियल कारखाना स्टोअर्समध्ये उपलब्ध असल्यास कारखाना दराने देण्यात येईल व त्याची वसुली बिलातून करण्यात येईल.
  - ८) कामाचे कालावधीत आपण लेखी स्वरूपात मागणी केल्यास कामाच्या आवश्यकतेनुसार डिझेल पंपावरून कारखान्याने ठरविलेल्या दसप्रमाणे उधारीने डिझेल देण्यात येईल व डिझेलची होणारी रक्कम बिलातून वसूल केली जाईल.
  - ९) कामासाठी लागणारे पाणी व लाईटची सोय आपण स्वतः करावयाची आहे.
  - १०) आपलेकडे काम करणाऱ्या सर्व कामगारांच्या सुरक्षिततेच्या दृष्टीने आवश्यक असणारी साधने उदा. सेफ्टी बेल्ट, हेल्मेट, हँड ग्लोज इ. वापरणे आपणास बंधनकारक आहे.
  - ११) आपलेकडे काम करणाऱ्या सर्व मजुरांचा एम्प्लॉयमेंट कॉम्प्लेन्सेशन अॅक्टनुसार विमा घ्यावा लागेल व विमाकागदपत्रे सादर केल्यानंतरच काम सुरु करणेस परवानगी दिली जाईल.
  - १२) करारनामा करणेसाठी रु.५००/- चा स्टॅंप पेपर त्वरीत सादर करावा.
- तरी आपण सिव्हील विभागाशी संपर्क साधून त्वरीत कामास सुरुवात करावी.

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दि.२९/०७/२०२४

वर्कऑर्डर

प्रति,

प्रतिक्षा मधुसूदन शिंदे,

मु.पो.अवसरी बु.

ता.आंबेगाव , जि.पुणे

विषय :- मौजे अवसरी बु. येथील विद्या विकास मंदीर माध्यमिक विद्यालयासाठी शौचालय युनिटचे बांधकाम करणेच्या कामाबाबत..

महोदय,

वरील विषयास अनुसरून, कारखान्यामार्फत मौजे अवसरी बु. येथील विद्या विकास मंदीर माध्यमिक विद्यालयासाठी शौचालय युनिटचे बांधकाम करणेच्या कामासाठी आपण सादर केलेली निविदा व त्यावर मा. कार्यकारी समिती सभा दि.२२/०७/२०२४ मध्ये आपणाशी समक्ष झालेल्या चर्चेनुसार सदर काम आपणास एस्टिमेट रक्कम रु. ८,६१,००८/- पेक्षा १५.१०% कमी दराने मंजूर करण्यात आले आहे

कामाच्या अटी व शर्ती खालीलप्रमाणे राहतील

१) कामाची मुदत १ महिना राहिल.

२) कामासाठी लागणारे सर्व साहित्य व मजूर आपण स्वतः आणावयाचे आहेत.

३) काम चालू असताना कारखाना मालमत्तेचे नुकसान झाल्यास त्याची भरपाई आपणाकडून करण्यात येईल. मजुरांचा अपघात झाल्यास त्याची सर्वस्वी जबाबदारी आपली राहिल कारखान्याची कोणतीही जबाबदारी राहणार नाही.

४) कामाच्या बिलाच्या एकूण ५% रक्कम रेग्युलर सिक्युरिटी डिपॉझीट म्हणून कपात करण्यात येईल.

सदर सिक्युरिटी डिपॉझीट रक्कम १२ महिन्यांचा डिफेक्ट लायबिलिटी पिरियड संपल्यानंतर अदा केली जाईल.

५) सदर निविदा एस्टिमेट रक्कमेच्या उणे १०% पेक्षा जास्त (उणे १५.१०%) असल्याने १०% कमी दरापर्यंत १% व १५.१% कमी दरापर्यंत १५.००% - १०% = ५.००% तसेच (१५.१०% - १५%) = ०.१०% करिता (०.१० x २) = ०.२०% असे एकूण १ + ५ + ०.२० = ६.२०% अॅडीशनल परफॉर्मन्स सिक्युरिटी डिपॉझीट रु. ५३,३८३/- रक्कमेचा भरणा करावा. अॅडीशनल परफॉर्मन्स सिक्युरिटी डिपॉझीट रक्कम भरणा केल्यानंतरच काम सुरु करण्यास परवानगी देण्यात येईल. सदरची रक्कम काम पूर्ण झाल्यानंतर कामाच्या अंतिम बिलारोबत अदा करण्यात येईल.

६) केंद्र व राज्य शासनाच्या कर विषयक धोरणानुसार वरील कामास लागू असलेला जी.एस.टी.

आपणास स्वतंत्र अदा केला जाईल याकरीता जी.एस.टी.साठी विहित नमुन्यात बिल सादर करावे लागेल व जी.एस.टी.चा भरणा करून भरणा रिसीट कारखान्याकडे जमा करावी.



(REGD. NO.:P.N.A/A.G.N/P.R./G.(A) S-47/1994 DT.31/3/1994) **GSTIN : 27AAAAB0949G1ZZ**

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- ७) कामासाठी लागणारे आवश्यक मटेरियल कारखाना स्टोअर्समध्ये उपलब्ध असल्यास कारखाना दराने देण्यात येईल व त्याची वसुली बिलातून करण्यात येईल.
- ८) कामाचे कालावधीत आपण लेखी स्वरूपात मागणी केल्यास कामाच्या आवश्यकतेनुसार डिझेल पंपावरून कारखान्याने ठरविलेल्या दराप्रमाणे उधारीने डिझेल देण्यात येईल व डिझेलची होणारी रक्कम बिलातून वसूल केली जाईल.
- ९) कामासाठी लागणारे पाणी व लाईटची सोय आपण स्वतः करावयाची आहे.
- १०) आपलेकडे काम करणाऱ्या सर्व कामगारांच्या सुरक्षिततेच्या दृष्टीने आवश्यक असणारी साधने उदा. सेफ्टी बेल्ट, हेल्मेट, हँड ग्लोज इ. वापरणे आपणास बंधनकारक आहे.
- ११) आपलेकडे काम करणाऱ्या सर्व मजुरांचा एम्प्लॉयमेंट कॉम्पेन्सेशन ॲक्टनुसार विमा घ्यावा लागेल व विमाकागदपत्रे सादर केल्यानंतरच काम सुरु करणेस परवानगी दिली जाईल.
- १२) करारनामा करणेसाठी रु.५००/- चा स्टॅम्प पेपर त्वरीत सादर करावा.  
तरी आपण सिव्हील विभागाशी संपर्क साधून त्वरीत कामास सुरुवात करावी.

प्रत:- अकौंट / सिव्हील / मास्टर

  
प्र. कार्यकारी संचालक





(REGD. NO.:P.N.A.A.G.N/P.R./G.(A) S-47/1994 DT.31/3/1994) **GSTIN : 27AAAAB0949G1ZZ**

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जा.क्र.: भीमाशंकर / सिव्हील / १५०९ / २०२४-२५

दि.२९/०७/२०२४

वर्कऑर्डर

प्रति,

श्री प्रमोद भगवान वाघ,

मु.पहाडदरा, पो. धामणी

ता.आंबेगाव, जि.पुणे

**विषय :-** मौजे निरगुडसर येथील पंडीत जवाहरलाल नेहरू माध्य. व द.गो.वळसे पाटील उच्च माध्यमिक विध्यालयाच्या ईमारतीची सुधारणा करणेच्या कामाबाबत..

महोदय,

वरील विषयास अनुसरून, कारखान्यामार्फत मौजे निरगुडसर येथील पंडीत जवाहरलाल नेहरू माध्य. व द.गो.वळसे पाटील उच्च माध्यमिक विध्यालयाच्या ईमारतीची सुधारणा करणेच्या कामासाठी आपण सादर केलेली निविदा व त्यावर मा. कार्यकारी समिती सभा दि.२२/०७/२०२४ मध्ये आपणाशी समक्ष झालेल्या चर्चेनुसार सदर काम आपणास एस्टिमेट रक्कम रु. १०,००,०००/- पेक्षा ५.५०% कमी दराने मंजूर करण्यात आले आहे कामाच्या अटी व शर्ती खालीलप्रमाणे राहतील

- १) कामाची मुदत १ महिना राहिल.
- २) कामासाठी लागणारे सर्व साहित्य व मजूर आपण स्वतः आणावयाचे आहेत.
- ३) काम चालू असताना कारखाना मालमत्तेचे नुकसान झाल्यास त्याची भरपाई आपणाकडून करण्यात येईल. मजुरांचा अपघात झाल्यास त्याची सर्वस्वी जबाबदारी आपली राहिल कारखान्याची कोणतीही जबाबदारी राहणार नाही.
- ४) कामाच्या बिलाच्या एकूण ५% रक्कम रेग्युलर सिक्युरिटी डिपॉझीट म्हणून कपात करण्यात येईल. सदर सिक्युरिटी डिपॉझीट रक्कम १२ महिन्यांचा डिफेक्ट लायबिलीटी पिरियड संपल्यानंतर अदा केली जाईल.
- ५) सदर निविदा एस्टिमेट रक्कमेच्या उणे १०% पेक्षा कमी (उणे ५.५०%) असल्याने १०% कमी दरापर्यंत १% असे एकूण १% अॅडिशनल परफॉर्मन्स सिक्युरिटी डिपॉझीट रु. १०,०००/- रक्कमेचा भरणा करावा. अॅडिशनल परफॉर्मन्स सिक्युरिटी डिपॉझीट रक्कम भरणा केल्यानंतरच काम सुरु करण्यास परवानगी देण्यात येईल. सदरची रक्कम काम पूर्ण झाल्यानंतर कामाच्या अंतिम बिलासोबत अदा करण्यात येईल.
- ६) केंद्र व राज्य शासनाच्या कर विषयक धोरणानुसार वरील कामास लागू असलेला जी.एस.टी. आपणास स्वतंत्र अदा केला जाईल याकरीता जी.एस.टी.साठी विहीत नमुन्यात बिल सादर करावे लागेल व जी.एस.टी.चा भरणा करून भरणा रिसीट कारखान्याकडे जमा करावी.

*Begh*  
30/07/2024



(REGD. NO.:P.N.A/A.G.N/P.R./G.(A) S-47/1994 DT.31/3/1994) **GSTIN : 27AAAAB0949G1ZZ**

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- ७) कामासाठी लागणारे आवश्यक मटेरियल कारखाना स्टोअर्समध्ये उपलब्ध असल्यास कारखाना दराने देण्यात येईल व त्याची वसुली बिलातून करण्यात येईल.
  - ८) कामाचे कालावधीत आपण लेखी स्वरूपात मागणी केल्यास कागाच्या आवश्यकतेनुसार डिझेल पंपावरून कारखान्याने ठरविलेल्या दराप्रमाणे उधारीने डिझेल देण्यात येईल व डिझेलची होणारी रक्कम बिलातून वसूल केली जाईल.
  - ९) कामासाठी लागणारे पाणी व लाईटची सोय आपण स्वतः करावयाची आहे आहे.
  - १०) आपलेकडे काम करणाऱ्या सर्व कामगारांच्या सुरक्षिततेच्या दृष्टीने आवश्यक असणारी साधने उदा. सेफ्टी बेल्ट, हेल्मेट, हँड ग्लोज इ. वापरणे आपणास बंधनकारक आहे.
  - ११) आपलेकडे काम करणाऱ्या सर्व मजुरांचा एम्प्लॉयमेंट कॉम्पेन्सेशन ॲक्टनुसार विमा घ्यावा लागेल व विमाकागदपत्रे सादर केल्यानंतरच काम सुरु करणेस परवानगी दिली जाईल.
  - १२) करारनामा करणेसाठी रु.५००/- चा स्टॅप पेपर त्वरीत सादर करावा.
- तरी आपण सिव्हील विभागाशी संपर्क साधून त्वरीत कामास सुरुवात करावी.

  
प्र. कार्यकारी संचालक

प्रत:- अकौंट / सिव्हील / मास्टर



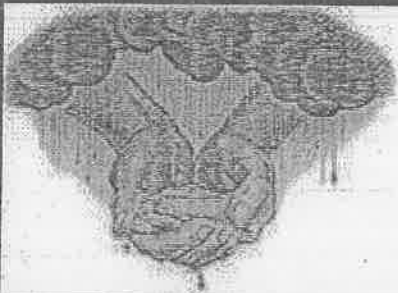
Area Statement of Dhimashankar

Sr. No.	Details	Area in Sq. M.	Avg Rainfall	Runoff Coeff	Total Water Colleted	
1	Main Building and around shed	9883	849.32	0.8	6715.06365	9883
2	Godown 5 Nos.	14233	849.32	0.8	9670.69725	14233
3	English School	3266	849.32	0.8	2219.1033	
4	College Bldg	2500	849.32	0.8	1698.64	
5	Office Bldg	964	849.32	0.8	654.995584	964
6	Gust House & Rest Room	628.5	849.32	0.8	427.038096	628.5
7	Laboure Qurter (105 to107)	512	849.32	0.8	347.881472	512
8	Laboure Qurter (114 to118)	1966.28	849.32	0.8	1336.00074	1966.28
9	Laboure Qurter (114 to118)	1295.4	849.32	0.8	880.167302	1295.4
10	Banglow Quarter (102 to 104)	621	849.32	0.8	421.942176	621
	Effective Catchment Area	35869.18	849.32	0.8	24371.5296	

Date		Time		Place		Remarks	
1900	10/10	10:00	10:15	10:30	10:45	11:00	11:15
1900	10/11	10:00	10:15	10:30	10:45	11:00	11:15
1900	10/12	10:00	10:15	10:30	10:45	11:00	11:15
1900	10/13	10:00	10:15	10:30	10:45	11:00	11:15
1900	10/14	10:00	10:15	10:30	10:45	11:00	11:15
1900	10/15	10:00	10:15	10:30	10:45	11:00	11:15
1900	10/16	10:00	10:15	10:30	10:45	11:00	11:15
1900	10/17	10:00	10:15	10:30	10:45	11:00	11:15
1900	10/18	10:00	10:15	10:30	10:45	11:00	11:15
1900	10/19	10:00	10:15	10:30	10:45	11:00	11:15
1900	10/20	10:00	10:15	10:30	10:45	11:00	11:15
1900	10/21	10:00	10:15	10:30	10:45	11:00	11:15
1900	10/22	10:00	10:15	10:30	10:45	11:00	11:15
1900	10/23	10:00	10:15	10:30	10:45	11:00	11:15
1900	10/24	10:00	10:15	10:30	10:45	11:00	11:15
1900	10/25	10:00	10:15	10:30	10:45	11:00	11:15
1900	10/26	10:00	10:15	10:30	10:45	11:00	11:15
1900	10/27	10:00	10:15	10:30	10:45	11:00	11:15
1900	10/28	10:00	10:15	10:30	10:45	11:00	11:15
1900	10/29	10:00	10:15	10:30	10:45	11:00	11:15
1900	10/30	10:00	10:15	10:30	10:45	11:00	11:15
1900	10/31	10:00	10:15	10:30	10:45	11:00	11:15

**RAIN WATER HARVESTING  
FEASIBILITY REPORT  
FOR  
Project  
BHIMASHANKAR SUGAR  
FACTORY  
At  
DATTATRAY NAGAR, PARGAON, PUNE**

**By**



**M/S. RAINBOW GROUP**

**ADD: NEAR BALAJI LAW COLLEGE,  
A/P- TATHWADE, PUNE**

**PH. NO. 020/65000337,**

## AIM OF THE PROJECT –

- To implement 'Rain Water harvesting' to store and recharge water to achieve maximum self-sufficiency.
- To recharge excess water in the ground in methodical way to improve 'ground water table'.
- To recharge, reuse and recycle water in every possible way and achieve minimum water discharge to take care of natural resource.
- To plan all 'water management' in sustainable way without disturbing the natural balance.

1. TITLE OF THE PROJECT : - A Project report on Rain water harvesting at Industrial Project  
"Bhimashankar Sugar Factory, Dattatray Nagar, Pargaon, Pune

2. SUBMITTED BY :- **M/s. RAINBOW GROUP**

S. No. 1/1/1, Near Balaji law College,  
Ravet-Aundh BRT Road, Tathwade, Pune – 411033  
Phone: 020-65000337  
E-mail: [Rainbow.rainwaterharvesting@gmail.com](mailto:Rainbow.rainwaterharvesting@gmail.com)  
Web: [www.rainbowgroup.org.in](http://www.rainbowgroup.org.in)



### RAINFALL PATTERN:-

The normal annual rainfall over the district varies from about 468 mm to 4659 mm. It is minimum in the eastern part of the district around Daund (468 mm), Baramati (486 mm) and Jujuri (494 mm). This increases towards west and reaches a maximum around Khandala (4659 mm) in the western ghat. The Chances of receiving normal rainfall are maximum (50 to 55%) in eastern part around Indapur and Daund, in the central part around Pune city and small area around Junnar in northern part of the district. Rainfall analysis also indicates occurrence of drought prone area in eastern, southern, south-eastern, central and north western part around Indapur, Baramati, Jujuri, Daund, Talegaon, Damdhare ,Alandi, Shirur and Bhore covering about 50% area of the district. Taluka wise average annual rainfall for the period 2003 to 2012 ranges from about 474 mm (Daund) to 2668 mm (Velhe)

**Table-3 Annual Rainfall Data for Year 2003-2012 (Rainfall in mm)**

Taluka	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	Decadal Average
Pune City	335.3	352.4	1239.5	1246	779.44	689.29	909.7	1169	979.9	492.7	849.32
Haveli	452.2	390.6	1250.36	1247.5	359.04	706.09	938.3	1147.8	979.6	505.4	897.67
Mulshi	1251	1878	2875.8	2804	1834	1602	1836.7	1592	1792	1438	1890.35
Bhor	712	1380.1	1714	1762	1429.4	998	1213	1121	1129.3	833	1229.18
Maval	1026	1466	2561	2252	1442.6	1399.5	1364.8	1168	1482	1013	1571.14
Velhe	1420	2054.4	6320.6	3997	3283	2409	1405	2043	2695.1	2070.4	2667.7
Junnar	648.2	8	1344.4	1237	380	747.4	706	862.3	769	557.1	852.32
Khed	386.2	775	973.1	1461.1	756.5	692.66	639.6	1018.4	637.7	436.2	777.65
Ambegaon	421.8	735.1	1025	1338.3	330.9	735	732.3	823.4	836	616.6	809.44
Shirur	266	374	160	760	374	492	859.6	849.5	441.8	321	549.69
Baramati	113.2	521	711	567	622	454	738.8	804.6	291	235	505.76
Indapur	163.3	651.9	696.1	668	640.3	345.4	932.4	805.8	399	250.6	555.28
Daund	156.3	522	742.2	594	604.85	326.7	474.3	639.3	347.6	337.4	474.46
Purandhar	215	710	1158	1476	519	497	806	602	609.4	371	696.34
District Average	540.46	995.87	1647.9	1529.2	1081	814.62	968.3	1046.1	956.38	676.9	

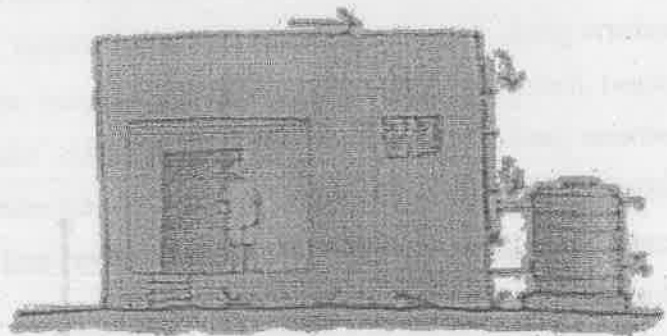
#### 4. METHODS OF RAIN WATER HARVESTING -

Rain water harvesting can be done by two methods -

##### 1) Direct storage method

###### a. In closed / Underground tank

In direct storage method, the roof water will flow from down take pipe through sand filters. Sand filters to be installed on every down take pipe, and then will flow to the storage tank. Though it is costly preposition we can store some part of volume of water by this method. We can store some water in underground tank and some part can be utilized for Ground Water Recharge.

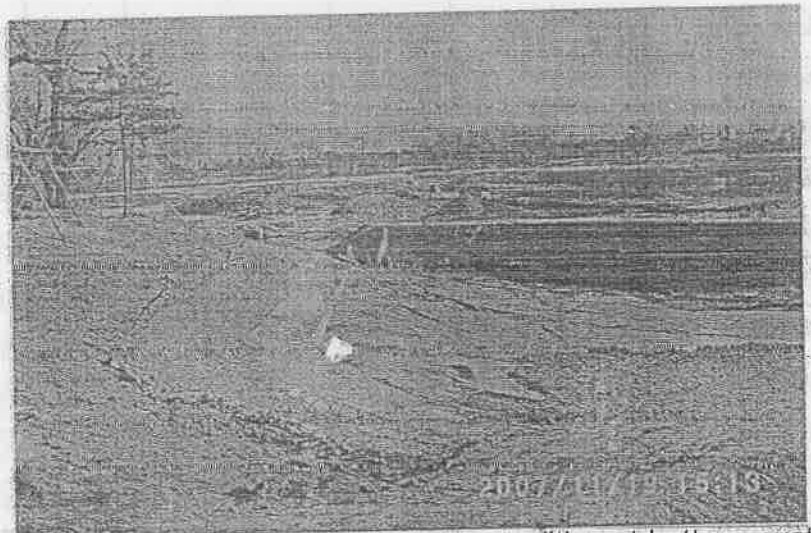


RAINWATER CAN BE STORED IN TANKS

###### b. Percolation pond -

Developing percolation pond is another important method of Rain Water Harvesting.

Percolation pond can be prepared by bare stone pitching /using HDPE sheets. Laying HDPE sheets will require murum filling underneath. However if we want to recharge maximum water in the ground, we do not propose HDPE sheet layer in the percolation pond. So more & more water will seep in & after maximum silting at bottom, water will get stored.



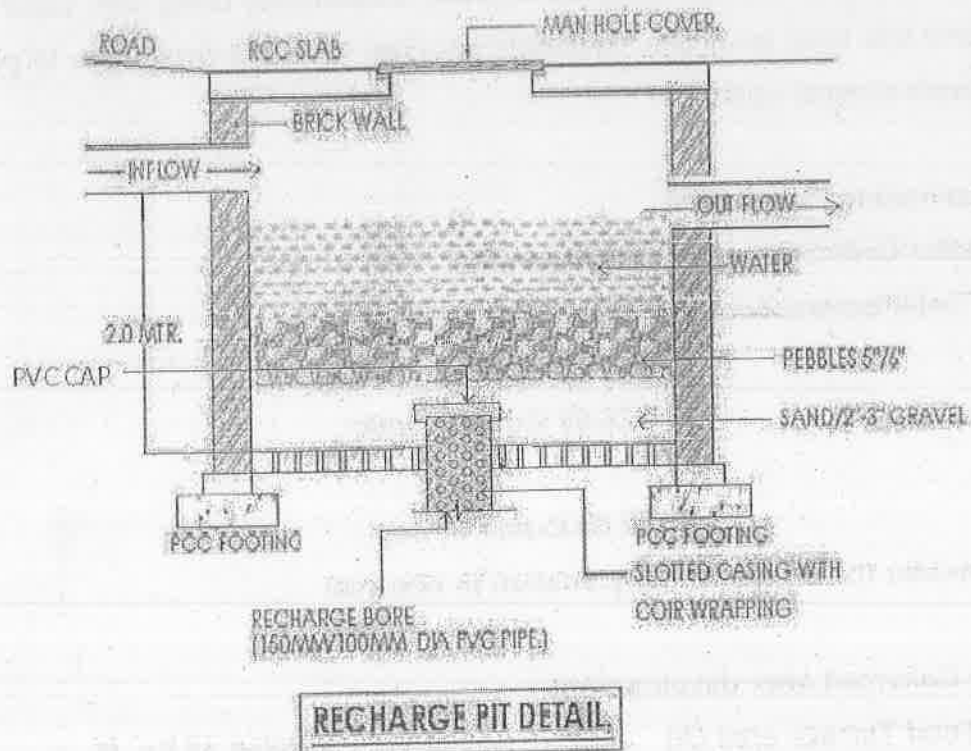
##### 2) Ground water recharge

Another method is using roof water and Storm water for ground water recharge. In that case the roof water can



RAINWATER CAN BE RECHARGED INTO THE GROUND

## Recharge pits – Drawing of recharge pit.



We are recharge with 2m x 2m in which Vee –Wire screen filter installed from this filtration will recharge water in to percolation borewell.

Vee wire screen filter is having filtration in micron level, also its used for rainwater harvesting purpose.

be filtered through sand filters but storm water needs Desilting chamber and auxiliary bore wells or recharge pit. The storm water can be collected through channel and gutters according to the existing topography. The physical, chemical and biological contamination can be taken care by desilting chamber. This water can be used for ground water recharge by putting it in auxiliary bore well. By this the ground water table will improve substantially along with water table of the area. We can also use soak away pits, infiltration trenches, oil & grit separators to purify water. This is comparatively cheaper option.

### Rainwater harvesting Calculation

#### Rainwater Collected before development

$$\text{Total terrace Area} = 35869.18 \text{ Sq. M. ( Appo.)}$$

$$= 35817.18 \times 849.32 \times 0.3$$

$$= 9126.07 \text{ Cum per year}$$

$$= 182.52 \text{ Cum Per Day}$$

We consider the 50 day of rainy season in one year

#### Rainwater Collected after development

1. Total Terrace area (A) - 35869.18 Sq. M.

2. Average Rainfall in Pune (I) - 849.26 MM

(Ref: Ground water information)

3. Runoff Coefficient Factor for hard Space (F) - 0.8

Surface water collected by rainwater will be

$$= \text{Area in Sq. M.} \times \text{Average Rainfall} \times \text{Runoff Coefficient}$$

$$= A \times I \times F$$

$$= 35869.18 \times 849.26 \times 0.8$$

$$= 24369.80 \text{ Cum per year}$$

$$= 487.39 \text{ cum per day}$$

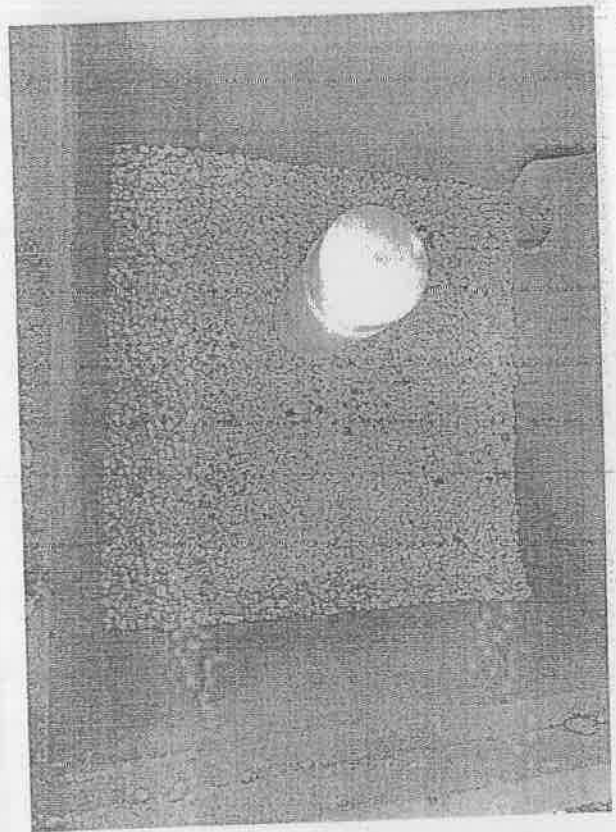
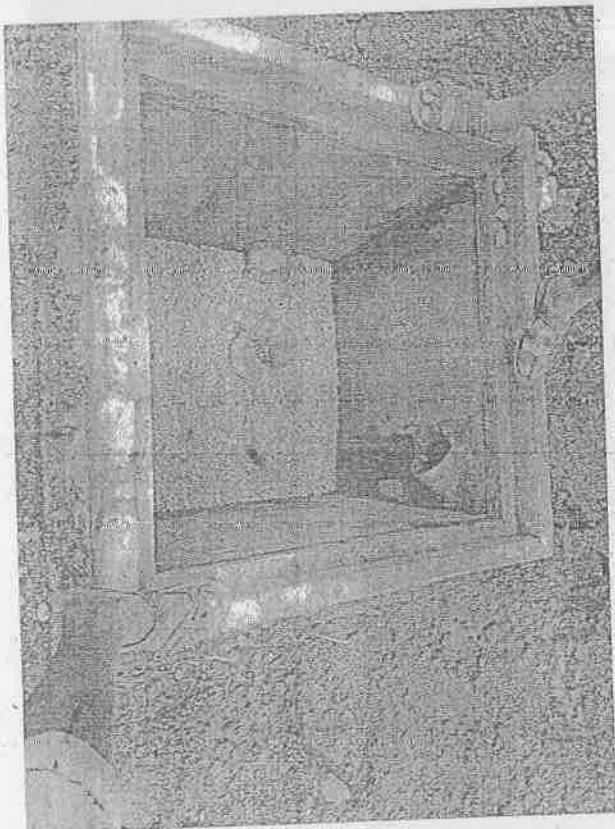
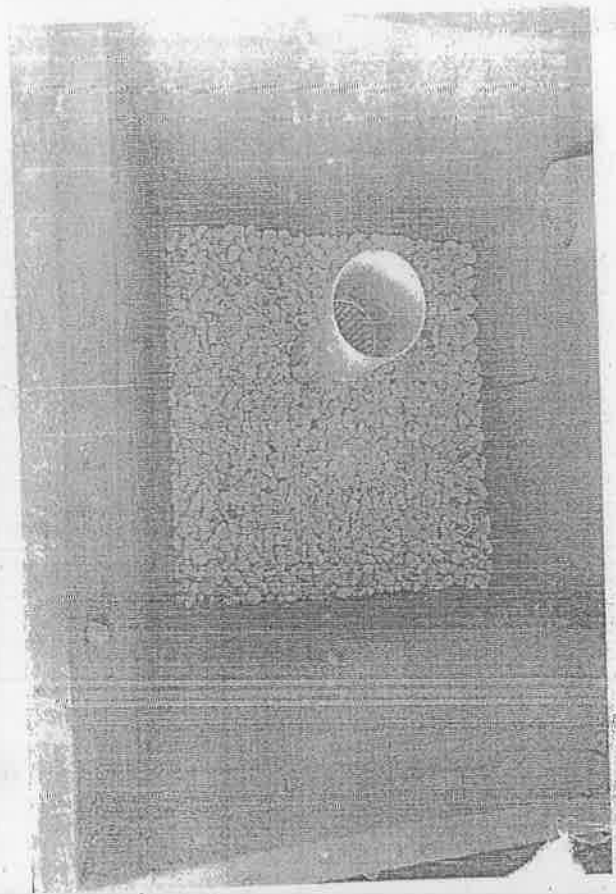
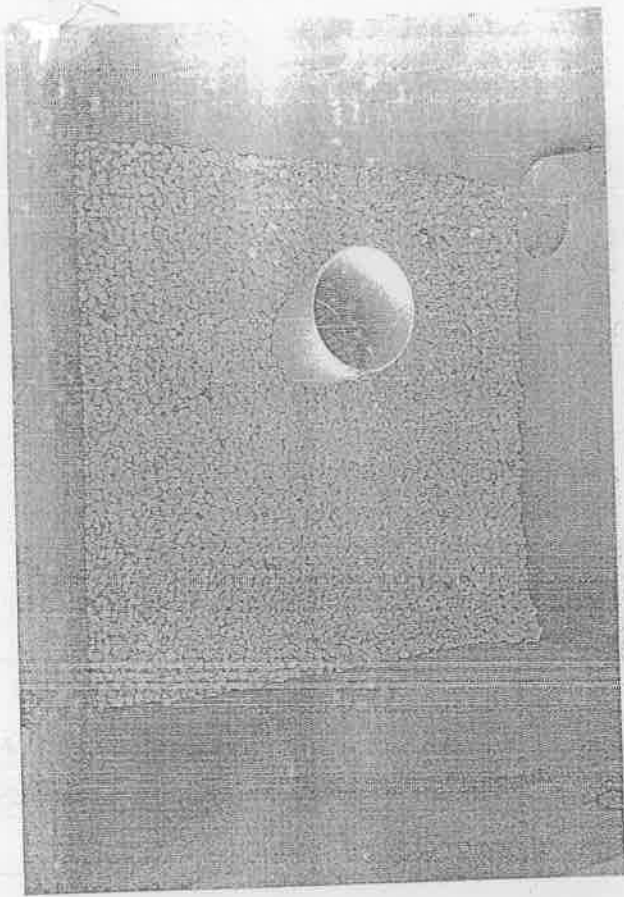
We consider the 50 day of rainy season in one year

Surplus Water will be calculated

$$\text{Total Surplus water} = \text{Rainwater After Development} - \text{Rainwater Before Development}$$

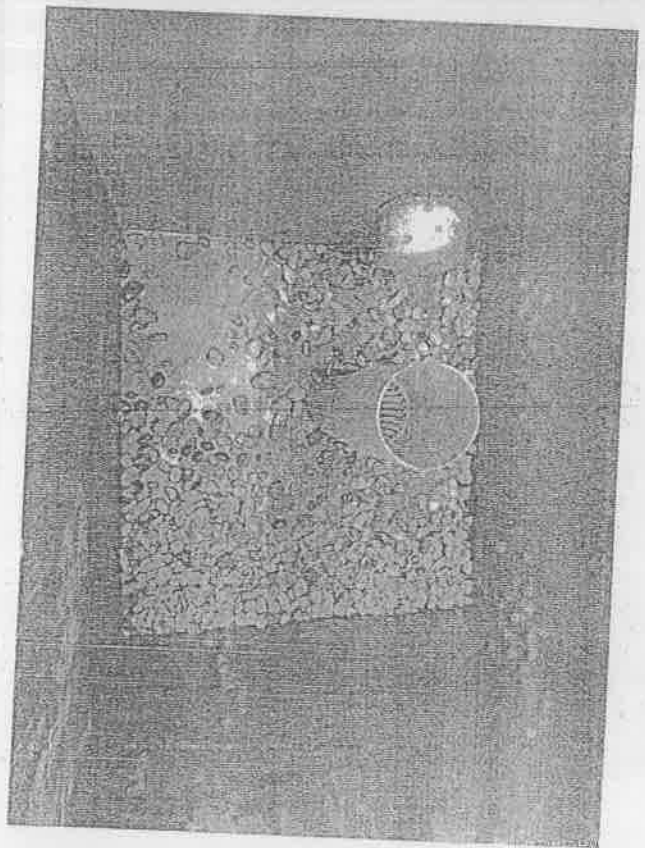
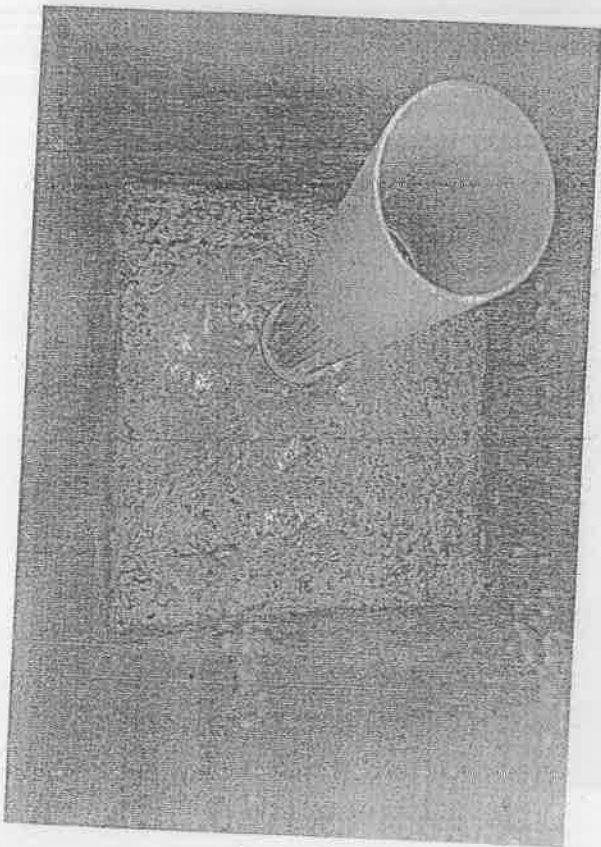
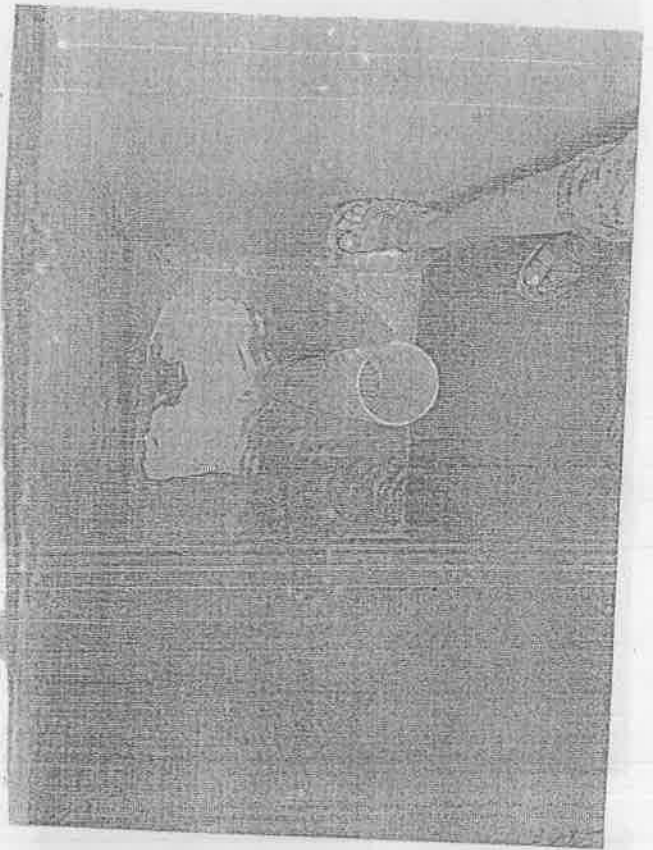
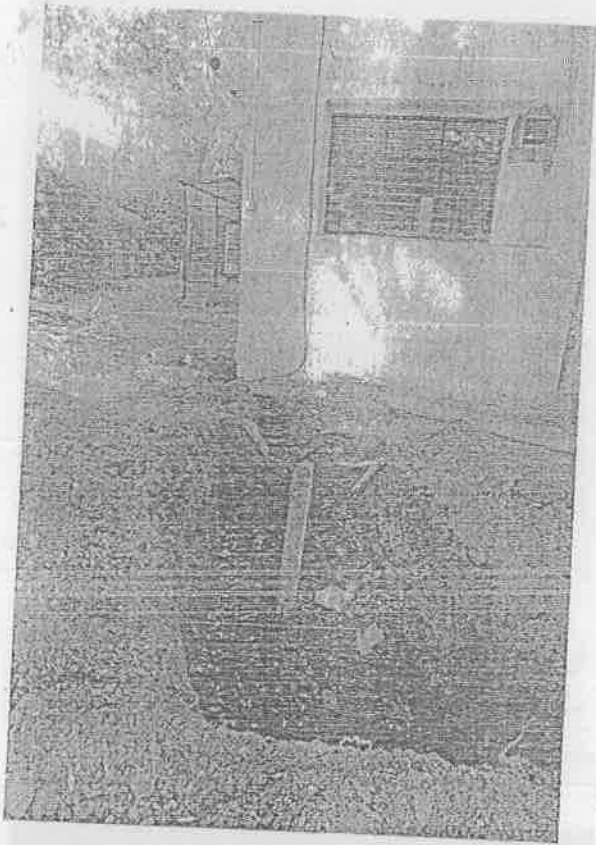
$$= 487.39 - 182.52$$

$$= 304.87 \text{ Cum Per Day}$$





Actual Photos of Rainwater Harvesting





महाराष्ट्र शासन

औद्योगिक सुरक्षा व आरोग्य संचालनालय (कामगार विभाग)

परवाना क्र. १२२१०१०७२१००६४६२१

नमूना क्रमांक ४

(नियम ६ व ८ पाहणे)

कारखान्याची नोंदणी व कारखाना चालविण्याचा संज्ञेचा परवाना

नोंदणी क्रमांक : १२२१०१०७२१००६४६२१

कारखाने अधिनियम, १९४८ आणि त्यासंबंधी असलेले नियम यांच्या तरतुदीप्रमाणे भीमाशंकर सहकारी साखर कारखाना लीमिटेड यांना खाली वर्णन

केलेल्या जागेत कारखाना चालविण्यास परवाना देण्यात आला आहे.

या परवान्यान्वये या जागेत कोणत्याही एका दिवशी १००० पर्यंत कामगार लावण्यास आणि २००० पेक्षा जास्त अश्वशक्ति उपयोगात आणण्यास परवानगी आहे.

या परवान्याची मुदत ३१ डिसेंबर २०२६ पर्यंत आहे.

शल्क.रु. - १४७००९.०० पोहोचले

दिनांक : १०-१०-२०२५

अपर संचालक

Digitally Signed By SHARADA SATAPPA  
HONDULE (Directorate Of Industrial Safety and  
Health Mumbai)  
Date : 13-Oct-2025 22:56:11 IST

परवाना दिलेल्या जागेचे वर्णन

परवाना दिलेल्या कारखान्याचे

भीमाशंकर सहकारी साखर कारखाना लीमिटेड

Factory Name :  
नाव :

BHIMASHANKAR SAHAKARI SAKHAR KARKHANA LTD

पत्ता :

भीमाशंकर एस.एस.के. लीमिटेड, ADMINSTRATIVE BUILDING, मंचर

शिरूर रोड, दत्तात्रय नगर, दत्तात्रय नगर, अंबेगावसुणे, महाराष्ट्र, ४१२४०६

Address :

BHIMASHANKAR S.S.K LTD, ADMINSTRATIVE BUILDING, MANCHAR SHIRUR  
ROAD, DATTATRAY NAGAR, DATTATRAY  
NAGAR, Ambegaon, Pune, MAHARASHTRA, 412406

कलम :

२(१)(१)

औद्योगिक वर्गीकरण :

१०७२१

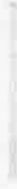
कारखान्याच्या इमारतीचे नकाशे दिनांक २९.०६.२०२२ च्या जावक क्रमांक PLN/४७७/१५/SLC/RRV/७७५६/१५ खाली मंजूर केले गेले आहेत.

This Certificate is digitally signed by on. 10-10-2025

टिप : हा कारखान्याची नोंदणी व कारखाना चालविण्याचा परवाना आहे. हा परवाना देण्यात आल्यामुळे ज्या जागेत हा कारखाना स्थित आहे,

त्या जागेस कोणतीही वैधता आपोआप बहाल होत नाही तसेच ज्या जागेत हा कारखाना स्थित आहे ती जागा आज दिनांक वेळेस अस्तित्वात





## FINANCIAL EXPRESS

WEDNESDAY, SEPTEMBER 14, 2022

 **BHIMASHANKAR SAHAKARI SAKHAR KARKHANA LTD.**  
Dattatraynagar, Pargaon Via Awasari Bk., Tal - Ambegaon, Dist - Pune  
Mobile No. 9975568130, 8868846990, E-Mail - bsskld@gmail.com

**PUBLIC NOTICE**

STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT  
AUTHORITY (SEIAA) Maharashtra, Environment Department, Room  
No. 217, 2nd floor, Mantralaya, Mumbai 400032 has accorded  
Environment Clearance Identification No. EC22B022MH110015 and  
File No. SIA / MH / IND2 / 74065 / 2020 dated 07/09/2022 for the  
Proposed 45 to 95 KLPD Distillery Project at Dattatraynagar, Pargaon  
Tarfe Awasari Bk., Tal-Ambegaon, Dist-Pune of M/s. Bhimashankar  
Sahakari Sakhar Karkhana Ltd.

Copy of Environment Clearance is available in Maharashtra  
Pollution Control Board office and available on website  
<http://parivesh.nic.in>

Managing Director

# पुण्य नगरी

पुणे | बुधवार, १४ सप्टेंबर २०२२

## भीमाशंकर सहकारी साखर कारखाना लि.

दत्तात्रयनगर, पारगाव तर्फे अवसरी नु. ता. आंबेगाव, जि. पुणे ४१२४०६ मो.  
फ़. ९९७५५६८१३०, ८८८८८४६९९० ई.मेल-bsskltd@gmail.com

### जाहीर सूचना

राज्यस्तरीय पर्यावरण प्रभाव मूल्यांकन समिती, महाराष्ट्र राज्य, पर्यावरण विभाग, खाली क्र. २१७, दुसरा मजला, मंत्रालय, मुंबई यांच्याकडून भीमाशंकर सहकारी साखर कारखाना लि. दत्तात्रयनगर, पारगाव तर्फे अवसरी नु. ता. आंबेगाव, जि. पुणे यास प्रस्तावित ४५ ते २५ के.एल.पी.डी. डिस्टिलरी प्रकल्पास EC Identification No. EC 22B022MH110015 आणि File No. SIA/MH/IND2/74065/2020 दि. ०७/०९/२०२२ या पत्रान्वये पर्यावरण विषयक परवानगी देण्यात आली आहे.

सदर पर्यावरण मंजूरी पत्राची प्रत महाराष्ट्र प्रदूषण नियंत्रण मंडळ याच्या कार्यालयामध्ये तसेच वेबसाईट <http://parivesh.nic.in> येथे उपलब्ध आहे.

कार्यकारी संचालक



≡ MENU



पर्यावरण विभाग

Marathi

English  
Marathi

आमच्या विषयी

कंपनी इतिहास  
सामान्य माहिती  
धोरण आणि उद्दिष्टे  
कारखाना माहितीपत्रक  
व्यवस्थापन संघ  
अधिकारी माहिती

विभाग

सहवीजनिर्मिती प्रकल्प  
कृषि विभाग  
भांडार विभाग  
कामगार कल्याण योजना  
संगणक विभाग

यश

उत्पादने

सामाजिक उपक्रम

गॅलरी

करीयर

अहवाल

निर्णायक अहवाल  
अहवाल व्युत्पन्न

निविदा

ई-निविदा  
इतर

शेतकरी पोर्टल

ऊस व्यवस्थापन  
आपली माहिती जाणून घ्या

ऊस विकास उपक्रम

स्वतंत्र ऊस विकास विंग

VSI आणि CSRC Padegaon पासून सुधारित ऊस बियाणे वाण पुरवठा देखील शेतक-यांना वाजवी दर शेतीसाठी लागणारे साहित्य म्हणजे रासायनिक खते, कीटकनाशके कीटकनाशक पुरवठा.

तसेच माती आणि पाणी परीक्षण प्रयोगशाळा सुसज्ज.

19to29MW CoGen EC Com.01.01.2025to30.06.2015

45to95KLPD Dist. EC Com.01.01.2025to30.06.2015

2500to6000TCDSugarEC Com.01.01.2025to30.06.205 compressed

Akanksha Lab Monitoring Report Season 2024-25

Environment Statement 2024-25

On Line Monitoring Report Season 2024-25

29 MW EC Com.1st Jun 2024 to 31st Dec 2024

6000 TCD EC Com.Dt.01st Jun 2024 to 31st Dec 2024

45to95 KLPD Dist.EC Com 1st Jun 2024 to 31 st Dec 2024

Environmnet Statement 2023-24

19 to 29 MW Co-Gen EC Com.(1st Jan 24 to30 June 24)

2500 to 6000 TCD Sugar EC Com (1st Jan 24 to 30 June 24) .

45 to 95 KLPD Dist.EC Com. 1st Jan 24 to 30 June 24

OCEMS Report Season 2023-24 (Water & Satck)

Akanksha Lab Report Season 2023-24(Water,Air,Noise,Ground Water,Stack)

19 to 29 MW Co-Gen EC Com.01.06.2023to31.12. 2023

45 to 95 KLPD Dist.EC Com.01.06.2023 to 31.12.2023

2500 to 6000 TCDS ugar EC Com.01.06.2023 to 31.12.2023

45 to 95 KLPD Disti. EC Compl1 Jan.2023 to 30 Jun.2023

2500 to 6000 TCD Sugar EC Compl1 Jan.2023 to 30 Jun.2023

19 to 29 MW Co-Gen. EC Compl1 Jan.2023 to 30 Jun.2023

Akanksha Lab Monitoring Report Season 2022-23

Environment Statement Year 2022-23

On Line Monitoring System Season 2022-23

45to95 KLPD Disti.EC Com.Dt.01.07.2022 to31.12.2022

19to29 MW Co-gen.EC Com.Dt.01.07.2022 to31.12.2022

2500 TCD to 6000 TCD EC Com Dt.01.07.2022 to 31.12.2022

45-95 KLPD Distillery EC Letter

Akanksha Lab Report Season 2021-22

Environment Statement 01 Apr 2021 to 31 Mar 2022

2500 to 6000 TCD Sugar EC Compliance 01 Jan 2022 to 30 Jun 2022

45KLPD Distillery EC Compliance 01 Jan 2022 to 30 Jun 2022

19 MW Co-Gen EC Compliance 01 Jan 2022 to 30 Jun 2022

EC 19 TO 29MW Cogen

6000 TCD EC Compliance (1st July 2021 to 31 Dec 2021)

45 KLPD Distillery EC Compliance (1st July 2021 to 31 Dec 2021)

19 MW Co-Gen EC Compliance (1st July 2021 to 31 Dec 2021)

2500 to 6000 MT Sugar EC Comp(01.01.2021 to 30.06.2021)

45 KLPD Dist EC Comp(01.01.2021 to 30.06.2021)

19 MW Co-gen EC Comp (01.01.2021 to 30.06.2021)

Akanksha Lab & On line Monitoring Report Season 2020-21

Environment Statement 2020-21

Environment Statement 2019-20

19 MW Co-Gen EC Compliance Report (1st Jun 2020 to 31st Dec 2020)

45 KLPD Distillery EC Compliance (1st Jun 2020 to 31st Dec 2020)

Sugar 2500TCD To 6000TCD EC Compliance (1st Jun 2020 to 31st Dec 2020)

Akanksha Lab Report (Water,Air,Stack-Season 2019-20)

45 KLPD Distillery Environmental Clearance

Six Monthly Compliance Report 6000 TCD Sugar Unit ( 1 st January 2020 to 30 June 2020)

Six Monthly Compliance Report 19 MW Co-gen.(1st January 2020 to 30 June 2020)

On Line Monitoring report 2019-20

Environment Statement (1st April 2019 to 31st March 2020)

Part B (19 Mw EC Compliance -01 July 2019 to 31st Dec 2019)

Part A (19 Mw EC complaince -01 July 2019 to 31st Dec 2019)

6000 M.T. E.C. Compliance (1st July to 31 st Dec.2019) Part B

6000 M.T. E.C. Compliance (1st July To 31st December 2019) Part A

19 MW Co-Gen E.C. MoEF Visit Compliance Report

MoEF Approved (Akanksha Lab) Analysis Report Season 2018-19

6000 M.T.Environmental Clearance

On -Line monitoring Report Season 2018-19

6000 MT EC Complinnace Jan.to Jun.2019

19 MW Co-gen. EC Compliance Jan. to July 2019

19 MW Co-generation Environment Clearance

19 MW Co-generation Non complaince Report 2018-19

Environmental Statement (Form-V) 2018-19





Bhimashankar Sahakari Sakhar Karkhana

पुणे जिल्हा, भिमशंकर तालुका

पुणे जिल्हा, भिमशंकर तालुका

022-3522434

bsaah@bhimshankar.com

f t g+ s in

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# Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

## FORM V

(See Rule 14)

Environmental Audit Report for the financial Year ending the 31st March 2025

Unique Application Number

MPCB-ENVIRONMENT\_STATEMENT-0000078932

Submitted Date

08-06-2025

## PART A

### Company Information

Company Name

Bhimashankar Sahakari Sakhar Karkhana Ltd.

Application UAN number

00000170265

Address

Dattatraynagar, Pargaon Tarfe Awasari Bk.

Plot no

Taluka

Ambegaon

Village

Pargaon Tarfe Awasari Bk.

Capital Investment (In lakhs)

31832.06

Scale

Red

City

Pargaon Tarfe Awasari Bk.

Pincode

412406

Person Name

Mr. Chandrakant G. Dhage

Designation

Managing Director

Telephone Number

9975568130

Fax Number

0213328270

Email

bsskltd@gmail.com

Region

SRO-Pune II

Industry Category

Red

Industry Type

R12 Sugar (excluding Khandsari)

Last Environmental statement submitted online

yes

Consent Number

Format1.0/UAN No.MPCB-  
CONSENT-0000170265/CR/2309000334

Consent Issue Date

2023-09-05

Consent Valid Upto

2026-07-31

Establishment Year

2000

Date of last environment statement submitted

Jun 10 2024 12:00:00:000AM

Industry Category Primary (STC Code) & Secondary (STC Code)

### Product Information

Product Name

Sugar

Consent Quantity

21600

Actual Quantity

24874

UOM

### By-product Information

By Product Name

Bagasse

Consent Quantity

46800

Actual Quantity

59866

UOM

Molasses

7200

11283

Pressmud	7200	8639
Co-Generation	19	19

Mwh

## Part-B (Water & Raw Material Consumption)

### 1) Water Consumption in m3/day

Water Consumption for Process	Consent Quantity in m3/day	Actual Quantity in m3/day
Cooling	1694.00	1255.00
Domestic	48.00	1400.00
All others	96.00	56.00
Total	0.00	0.00
	1838.00	2711.00

### 2) Effluent Generation in CMD / MLD

Particulars	Consent Quantity	Actual Quantity	UOM
Trade Effluent	817	570	CMD

### 2) Product Wise Process Water Consumption (cubic meter of process water per unit of product)

Name of Products (Production)	During the Previous financial Year	During the current Financial year	UOM
Sugar	0	0.007	CMD

### 3) Raw Material Consumption (Consumption of raw material per unit of product)

Name of Raw Materials	During the Previous financial Year	During the current Financial year	UOM
Sugarcane	1050115	1130053	MT/A

### 4) Fuel Consumption

Fuel Name	Consent quantity	Actual Quantity	UOM
Bagasse	46800	59866	

## Part-C

### Pollution discharged to environment/unit of output (Parameter as specified in the consent issued)

#### [A] Water

Pollutants Detail	Quantity of Pollutants discharged (KL/day) Quantity	Concentration of Pollutants discharged(Mg/Lit) Except PH,Temp,Colour Concentration	Percentage of variation from prescribed standards with reasons %variation	Standard	Reason
pH	7.4	7.0	00	5.5 to 9.0	Nil

#### [B] Air (Stack)

Pollutants Detail	Quantity of Pollutants discharged (KL/day) Quantity	Concentration of Pollutants discharged(Mg/NM3) Concentration	Percentage of variation from prescribed standards with reasons %variation	Standard	Reason
SPM	117	105	00	105	Nil

## Part-D

### HAZARDOUS WASTES

**1) From Process**

Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
5.1 Used or spent oil	0.300	0.05	KL/A

**2) From Pollution Control Facilities**

Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
0	00	00	MT/A

**Part-E****SOLID WASTES****1) From Process**

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
Boiler Ash	3460	4010	MT/A
ETP Sludge	4	5	MT/A

**2) From Pollution Control Facilities**

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
-	00	00	MT/A

**3) Quantity Recycled or Re-utilized within the unit**

Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
0	00	00	MT/A

**Part-F**

Please specify the characteristics(in terms of concentration and quantum) of hazardous as well as solid wastes and indicate disposal practice adopted for both these categories of wastes.

**1) Hazardous Waste**

Type of Hazardous Waste Generated	Qty of Hazardous Waste	UOM	Concentration of Hazardous Waste
5.1 Used or spent oil	0.05	KL/A	-

**2) Solid Waste**

Type of Solid Waste Generated	Qty of Solid Waste	UOM	Concentration of Solid Waste
Boiler Ash	4010	MT/A	-
ETP Sludge	5	MT/A	-

**Part-G**

Impact of the pollution Control measures taken on conservation of natural resources and consequently on the cost of production.

Description	Reduction in Water Consumption (M3/day)	Reduction in Fuel & Solvent Consumption (KL/day)	Reduction in Raw Material (Kg)	Reduction in Power Consumption (KWH)	Capital Investment(in Lacs)	Reduction in Maintenance(in Lacs)
Trade Effluent	6.20	510	14	1385	2.90	0.50

**Part-H**

Additional measures/investment proposal for environmental protection abatement of pollution, prevention of pollution.

**[A] Investment made during the period of Environmental Statement**

**Detail of measures for Environmental Protection**

1)Online Monitoring system for Effluent & Stack 2) Annual Maintenance of Effluent treatment plant.

**Environmental Protection Measures**

Control Air & Water Pollution

**Capital Investment (Lacks)**

3.15

**[B] Investment Proposed for next Year**

**Detail of measures for Environmental Protection**

1)Plantation Programme 2) Annual Maintenance Contract for On Line Monitoring System

**Environmental Protection Measures**

Tree plantation & Control Air & Water Pollution

**Capital Investment (Lacks)**

0.50

**Part-I**

**Any other particulars for improving the quality of the environment.**

**Particulars**

Adopt New technology for Air & Water pollution

**Name & Designation**

Mr. Chadrakant G.Dhage Managing Director

**UAN No:**

MPCB-ENVIRONMENT\_STATEMENT-0000078932

**Submitted On:**

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