



(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/3331 /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.- ecompliance-mh@gov.in.

Sub- Submission of Six Monthly EC Compliance Report.

(1<sup>st</sup> July 2025 to 31<sup>st</sup> Dec 2025) Ref- SIA/MH/THE/70064/2011 Dt – 31/03/2020  
(E.C. Identification No. EC22B004MH126409) Dt.21/04/2022.

Dear Sir,

We are submitting herewith six monthly compliance report of Environment Clearance for 29 MW Co-generation. (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) Central Pollution Control Board,  
Parivesh Bhawan, 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

Sr. No.	Details	Page No.
1.	19 to 29 MW Co-Generation E.C	1-18
2.	Consent to Operate -6000 MT Sugar & 29 MW Co Gen.	19-28
	I)ESP & Wet Scrubber Details & Photographs.	29-46
	II) CER activity Work (F.Y.2024-25)	47-88
	III) Plantation Certificate issued By Regional Forest Officer, Manchar and Taluka Agriculture Officer and Photographs.	89-96
	IV) Rain Water Harvesting Details	97-106
	V) ETP Sludge Analysis Details	107-108
	VI) DISH License	109-110
	VII) EC news given in Newspaper	111-114
	VIII)Website Screen Shot-Compliance Report	115-118
	IX)Environment Statement (Year 2024-25)	119-122



**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)	Industry-Co-Generation (29 MW Co-Gen)
2.	Schedule and category of the Project as per EIA, 2006	Schedule: 1 (d) Thermal Power Plants 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 Co-Generation plant from 19 MW to 29 MW by 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 Co-Generation plant from 19 MW to 29 MW vide SEIAA-EC No-EC22B0004MH126409 dated April 21, 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-EC22B0004MH126409 ) on 21 <sup>st</sup> April 2022, approving its Expansion of Co-Generation plant from 19 MW to 29 MW (Copy included as <b>Annexure 1.</b> ) (Page No. 01 to 18 ) Consent to Operate (CTO) Granted by the Maharashtra Pollution Control Board (MPCB) via letter Format1.0/CAC(UAN: MPCBCONSENT-0000170265/CR/2309000334), dated 5 September 2023, permitting operations for 6,000 TCD sugar and 29 MW

		cogeneration, valid until 31 July 2026. (Copy included as <b>Annexure 2</b> ). (Page No. 19 to 28 )																								
b.	Environmental Management Plan	<p>Waste water:</p> <ul style="list-style-type: none"> <li>Effluent generate from sugar is 570 m<sup>3</sup>/day, treated in an ETP of 1350 m<sup>3</sup>/day capacity &amp; treated water used for process, non-process applications, and irrigation purposes.</li> <li>The ETP includes preliminary treatment (screening, grit removal, oil &amp; grease removal), an equalization tank, neutralization tank, primary clarifier, anaerobic digester (UASBR), aeration tank, secondary clarifier, sludge drying beds, a holding tank, and a 8400 m<sup>3</sup>/day storage tank for treated water recycling.</li> <li>Domestic effluent generate from sugar unit is 55 m<sup>3</sup>/day, the same treated in septic system followed by a soak pit.</li> </ul> <p>Air pollution: Existing sugar plant comprises 1*80 TPH boiler with a 72-meter stack with ESP and 2*45 TPH boilers with 60-meter common stack, equipped with Wet scrubber as APCE.</p> <p>DG set of 500 kVA with 15 m stack height as per CPCB guidelines</p> <p>Solid waste:</p> <p>Press Mud: 240 TPD (Used as manure)</p> <p>Bagasse Ash: 23 TPD (Used as manure)</p> <p>ETP Sludge: 0.5 TPD (Used as manure)</p> <p>CPU sludge: 0.1 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></td> <td><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. Financial Details <ul style="list-style-type: none"> <li>a. Project costs as originally planned &amp; subsequent revised estimates and the year of price reference.</li> <li>b. Allocations made for Environmental Management Plan with item wise &amp; year wise breakup.</li> <li>c. Actual expenditure incurred on the Project so far</li> <li>d. Actual expenditure incurred on the Environmental Management Plan so far</li> </ul>	<p><b>Capital Cost of the Project: Rs. 41.42 Crores/- (Co-Gen. 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 (Co-Gen Unit)</b></p> <table border="1" data-bbox="795 507 1446 1113"> <thead> <tr> <th data-bbox="795 507 890 675">Sr. No.</th><th data-bbox="890 507 1160 675">Particular</th><th data-bbox="1160 507 1303 675">Recurring cost (Rs. in Lakhs )</th><th data-bbox="1303 507 1446 675">Capital Cost (Rs. in lakhs)</th></tr> </thead> <tbody> <tr> <td data-bbox="795 675 890 720">1.</td><td data-bbox="890 675 1160 720">Air pollution control equipment</td><td data-bbox="1160 675 1303 720">50</td><td data-bbox="1303 675 1446 720">0</td></tr> <tr> <td data-bbox="795 720 890 765">2.</td><td data-bbox="890 720 1160 765">Water &amp; wastewater</td><td data-bbox="1160 720 1303 765">60</td><td data-bbox="1303 720 1446 765">0</td></tr> <tr> <td data-bbox="795 765 890 810">3.</td><td data-bbox="890 765 1160 810">Solid Waste</td><td data-bbox="1160 765 1303 810">5</td><td data-bbox="1303 765 1446 810">10</td></tr> <tr> <td data-bbox="795 810 890 855">4.</td><td data-bbox="890 810 1160 855">Green Belt Development</td><td data-bbox="1160 810 1303 855">15</td><td data-bbox="1303 810 1446 855">20</td></tr> <tr> <td data-bbox="795 855 890 900">5.</td><td data-bbox="890 855 1160 900">Environmental monitoring system</td><td data-bbox="1160 855 1303 900">2.30</td><td data-bbox="1303 855 1446 900">0</td></tr> <tr> <td data-bbox="795 900 890 1034">6.</td><td data-bbox="890 900 1160 1034">Other -Rain water harvesting</td><td data-bbox="1160 900 1303 1034">3</td><td data-bbox="1303 900 1446 1034">20</td></tr> <tr> <td data-bbox="795 1034 890 1113"></td><td data-bbox="890 1034 1160 1113"><b>Total</b></td><td data-bbox="1160 1034 1303 1113"><b>135.30</b></td><td data-bbox="1303 1034 1446 1113"><b>50</b></td></tr> </tbody> </table>	Sr. No.	Particular	Recurring cost (Rs. in Lakhs )	Capital Cost (Rs. in lakhs)	1.	Air pollution control equipment	50	0	2.	Water & wastewater	60	0	3.	Solid Waste	5	10	4.	Green Belt Development	15	20	5.	Environmental monitoring system	2.30	0	6.	Other -Rain water harvesting	3	20		<b>Total</b>	<b>135.30</b>	<b>50</b>
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12. Forest land requirement: The status of approval for diversion of Forestland for non-forestry use	NA Not Applicable Forest land is not utilized for the project																																
13. Whether project located in Critically Polluted Area/Severely Polluted	No																																

14.	Status of construction: a. Date of commencement (Actual and/or planned) b. Date of completion (Actual and/or planned)	a. 01/05/2022 b. 30/11/2022
15.	Production details as per EC & CTO	Production details As per EC dated 21.04.2022 As per Consent dated 05.09.2023 Sugar 6000 6000 Cogen - 29
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 10 December 2020, 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	<p>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.</p>	<p>No show cause or notices of pollution department. We are regularly monitoring both air &amp; water data as per CPCB guidelines &amp; parameters are within limit.</p>
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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-EC22B0004MH126409 Expansion of Co-Generation plant from 19 MW to 29 MW vide dated April 21, 2022. at plot no. 148, 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 21.04.2022 for Expansion of Co-Generation plant from 19 MW to 29 MW	Status as per six monthly compliance report submitted by the PP
<b>SPECIFIC CONDITIONS-SEAC Conditions</b>		
I	PP to provide adequate air pollution control equipment's to mitigate the issues related to the emissions and particulate matter.	<p>Complied</p> <p>We have provided air pollution control equipment's ESP for 80 TPH Boiler &amp; Wet Scrubber for 45 TPH Boilers. (Details &amp; Photographs are attached. <b>Annexure I.</b> (Page No. 29 to 46)</p> <p>During the crushing season, TPM levels are continuously monitored through the Online Continuous Monitoring System (OCMS) and monthly analysis is conducted by third party laboratory. Reports are within limit.</p>
II	PP to ensure that the entire CER fund are spent before the commissioning of the manufacturing activity in consultation with District Collector	<p>Complied.</p> <p>The work of providing Toilet blocks to Secondary schools within 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.</p> <p>70% civil work of all toilet blocks has been completed. Orders &amp; Photographs attached. <b>Annexure II.</b> (Page No. 47 to 88)</p>
III	PP to complete green belt development with the provision of drip irrigation before the commissioning of the manufacturing activity.	<p>Complied.</p> <p>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. 89 to 96)</p>
IV	PP to complete rain water harvesting facility before the commissioning of the	<p>Complied.</p> <p>Rainwater from the roofs of factory</p>

	manufacturing activity.	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>Annexure IV.</b> (Page No. 97 to 106)
V	PP to carry out physiochemical analysis of the ETP sludge proposed to be used as manure and obtain approval from the competent authority so as to ensure its safe use on agricultural land/garden.	Complied.  We have analyzed ETP sludge from VSI's lab Report attached. <b>Annexure V.</b> (Page No. 107 to 108)
<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 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	Complied.  Reports are within limit.

	Control of Pollution) Act ,1981 amended time to time..	
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 doing transport, storage, handling and use of the flammable /toxic chemicals as per conditions no leakages to the soil.
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. We are doing transport, storage, handling and use of the flammable /toxic chemicals as per conditions.
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 this project. Copy attached. <b>Annexure VI</b> (Page No. 109 to 110)
IX	PP to provide solar energy for illumination of Administrative Building ,Street lights and Parking area.	Complied. Solar energy lights are installed at administrative building ,street lighting.
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 less than 50% of the total fuel requirement to the boiler.	Complied.100% dry waste, Agri waste is used as boiler fuel.

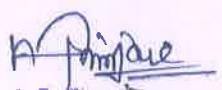
#### General Conditions-

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>	Complied. Industry has published the advertisements in local newspapers as part of the public disclosure process: 1) Financial Standard (English)– 26 <sup>th</sup> April 2022 2) Punyanagari (Marathi) - 26 <sup>th</sup> April 2022 Copies of these advertisements are attached as <b>Annexure VII.</b> (Page No. 111 to 114)
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	Complied. Industry have uploaded the EC & EC compliance report along with all relevant analysis reports on the Karkhana website. Additionally, six-monthly compliance

	<p>same periodically. The half yearly compliance report shall simultaneously be submitted to the Maharashtra Pollution Control Board, SEIAA and Regional Office of MoEF&amp; CC at Nagpur, on 1<sup>st</sup> June &amp; 1<sup>st</sup> December of each calendar year.</p>	<p>reports are regularly submitted to the Ministry of Environment, Forest and Climate Change (MoEF), Nagpur. 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 VIII</b>. (Page No. 115 to 118)</p>																																
III	<p>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 be reported to the MPCB &amp; SEIAA.</p>	<p>Complied.</p> <p>The Environmental Clearance for the project was obtained in April 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 ( Sugar &amp; Co-Generation Unit)</b></p> <table border="1"> <thead> <tr> <th>Sr. N o.</th><th>Particular</th><th>Recurring cost (Rs. in Lakhs )</th><th>Capital Cost (Rs. in lakhs)</th></tr> </thead> <tbody> <tr> <td>1.</td><td>Air pollution control equipment</td><td>50</td><td>0</td></tr> <tr> <td>2.</td><td>Water &amp; waste water</td><td>60</td><td>0</td></tr> <tr> <td>3.</td><td>Solid Waste</td><td>5</td><td>10</td></tr> <tr> <td>4.</td><td>Green Belt Development</td><td>15</td><td>20</td></tr> <tr> <td>5.</td><td>Environmental monitoring system</td><td>2.30</td><td>0</td></tr> <tr> <td>6.</td><td>Other -Rain water harvesting</td><td>3</td><td>20</td></tr> <tr> <td></td><td><b>Total</b></td><td><b>135.30</b></td><td><b>50</b></td></tr> </tbody> </table>	Sr. N o.	Particular	Recurring cost (Rs. in Lakhs )	Capital Cost (Rs. in lakhs)	1.	Air pollution control equipment	50	0	2.	Water & waste water	60	0	3.	Solid Waste	5	10	4.	Green Belt Development	15	20	5.	Environmental monitoring system	2.30	0	6.	Other -Rain water harvesting	3	20		<b>Total</b>	<b>135.30</b>	<b>50</b>
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IV	<p>A separate environment management cell with qualified staff shall be set up for</p>	<p>Complied.</p> <p>Environment Management cell is established.</p>																																

	Implementation of the environmental safeguards.	It is headed by a qualified and experienced Environmental Officer having experience more than 10 years.
V	In the event of the failure of any pollution control equipment , the manufacturing activity shall be immediately stopped safety till the effective functioning of pollution control equipment's is regained.	Complied. 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 & MPCB time to time by mail in this regard without any delay.
VI	PP to strictly follow conditions stipulated into Consent to Establish /Operate issued by the Maharashtra Pollution Control Board.	Noted & Complied. We are strictly follow consent conditions.
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.	Complied. We have proper drainage for storm water & effluent and there is no mixing of waste water & storm water.
VIII	Periodic monitoring of ground water in the study area as marked in the Environmental Impact assessment Report shall be undertaken and result analyzed to ascertain any change in the quality of water. Result shall be regularly submitted to the shall be undertaken and result analyzed to ascertain any change in the quality of water. Result shall be regularly submitted to the Maharashtra Pollution Control Board.	Complied. 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 operates wherever is possible. Further we are providing ear plugs for employees. Noise level is within 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.	Noted & Complied. 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 to time to time	Noted & Complied. We are strictly follow Maharashtra Factories Rules as amended from to time.
XII	The environment statement for each financial year ending 31 <sup>st</sup> March in Form -V as is	Noted & complied.

<p>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.</p>	<p>The environment statement for each financial year ending 31st March, prepared in Form-V (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 Annexure IX. (Page No. 119 to 122)</p>
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 K. P. Tilre  
 (Protect  
 Bhimashankar  
 Dattatrayan  
 Tal. Ambegaon, Dist. Pune - 412 406



## PARIVESH

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

ENVIRONMENTAL  
CLEARANCE



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. Pargoan 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/THE/70064/2011 dated 16 Dec 2021. The particulars of the environmental clearance granted to the project are as below.

1. EC Identification No.	EC22B004MH126409
2. File No.	SIA/MH/THE/70064/2011
3. Project Type	Expansion
4. Category	B1
5. Project/Activity including Schedule No.	1(d) Thermal Power Plants
6. Name of Project	Proposed Expansion of Co-generation Plant from 19MW to 29MW at Dattatraynagar, A/P Pargaon Via Awasari Bk., Tal. Ambegaon, Dist. Pune by M/s Bhimashankar Sahakari Sakhar Karkhana Ltd.
7. Name of Company/Organization	BHIMA SHANKAR SAHAKARI SAKHAR KARKHANA LIMITED
8. Location of Project	Maharashtra
9. TOR Date	22 Jun 2011

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

Date: 21/04/2022

(e-signed)  
Manisha Patankar Mhaiskar  
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.

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## STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY

No. SIA/MH/THE/70064/2011  
Environment & Climate Change  
Department  
Room No. 217, 2<sup>nd</sup> Floor,  
Mantralaya, Mumbai- 400032.

To  
M/s Bhimashankar Sahakari Sakhar Karkhana Ltd.,  
Dattatraynagar, A/P Pargaon Via Awasari Bk.,  
Tal. Ambegaon, Dist. Pune

**Subject** : Environmental Clearance for Proposed Expansion of Co-generation Plant from 19MW to 29MW at Dattatraynagar, A/P Pargaon Via Awasari Bk., Tal. Ambegaon, Dist. Pune by M/s Bhimashankar Sahakari Sakhar Karkhana Ltd.

**Reference** : Application no. SIA/MH/THE/70064/2011

This has reference to your communication on the above-mentioned subject. The proposal was considered by the SEAC-1 in its 205<sup>th</sup> and 216<sup>th</sup> meeting under screening category 1 (d) as per EIA Notification, 2006 and recommend to SEIAA. Proposal then considered in 239<sup>th</sup> (Day-2) meeting of State Level Environment Impact Assessment Authority (SEIAA).

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

<b>1. Name of Project</b>	Proposed Expansion of Co-generation Plant from 19MW to 29MW at M/s Bhimashankar Sahakari Sakhar Karkhana Ltd. Dattatraynagar, A/P Pargaon Via Awasari Bk., Tal. Ambegaon, Dist. Pune – 412406
<b>2. Type of institution</b>	Private
<b>3. Name of Project Proponent</b>	M/s Bhimashankar Sahakari Sakhar Karkhana Ltd.
<b>4. Name of Consultant</b>	M/s Ultra-Tech (Environmental Consultancy & Laboratory)
<b>5. Type of project</b>	NA
<b>6. New project/expansion in existing project/modernization/diversification in existing project</b>	Expansion
<b>7. If expansion/diversification, whether environmental clearance</b>	EC obtained for vide Letter “SEAC-2011/CR-755/TC2” dated 30th June 2012.

<b>has been obtained for existing project</b>	
<b>8.Location of the project</b>	S.no 148, 202,206,207,208,210,213,214,219,220
<b>9.Taluka</b>	Ambegaon
<b>10.Village</b>	A/P Pargaon Tarfe Awasari Bk
<b>Correspondence Name:</b>	Mr. Chandrakant Gangadhar Dhage (Managing Director)
<b>Room Number:</b>	-
<b>Floor:</b>	-
<b>Building Name:</b>	Administrative Office
<b>Road/Street Name:</b>	Manchar-Shirur Road
<b>Locality:</b>	Dattatrayanagar,
<b>City:</b>	Village - A/P Pargaon Tarfe Awasari Bk
<b>11.Whether in Corporation /Municipal / other area</b>	Grampanchayat- Pargaon Tarfe Awasari Bk.
	Non agricultural permission
<b>12.IOD/IOA/Concession/ Plan Approval Number</b>	<b>IOD/IOA/Concession/Plan Approval Number:</b> Land NA (industrial ) S.no 148, 202,206,207,208,210,213,214,219,220
	<b>Approved Built-up Area:</b>
<b>13.Note on the initiated work (If applicable)</b>	NA
<b>14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)</b>	L.I 675/SIA/IMO/2019 dated 12/04/2019
<b>15.Total Plot Area (sq. m.)</b>	580000 Sq.m
<b>16.Deductions</b>	NA
<b>17.Net Plot area</b>	580000 Sq.m
<b>18 (a).Proposed Built-up Area (FSI &amp; Non-FSI)</b>	<p>a) FSI area (sq. m.): NA</p> <p>b) Non FSI area (sq. m.): NA</p> <p>c) Total BUA area (sq. m.):</p>
	Approved FSI area (sq. m.): NA
	Approved Non FSI area (sq. m.): NA
	<b>Date of Approval:</b> 21-02-2000
<b>19.Total ground coverage (m2)</b>	5341.5
<b>20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)</b>	0.92

<b>21. Estimated cost of the project</b>		414200000	
<b>22. Number of buildings &amp; its configuration</b>			
Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	N A	N A	NA
<b>23. Number of tenants and shops</b>	Not applicable		
<b>24. Number of expected residents /users</b>	NA		
<b>25. Tenant density per hectare</b>	NA		
<b>26. Height of the building(s)</b>			
<b>27. Right of way (Width of the road from the nearest fire station to the proposed building(s))</b>	NA		
<b>28. Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation</b>	NA		
<b>29. Existing structure (s) if any</b>	NA		
<b>30. Details of the demolition with disposal (If applicable)</b>	NA		

**31. Production Details**

Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Sugar	18000	0	18000
2	Power MW	19	10	29

**32. Total Water Requirement**

<b>Dry season:</b>	Source of water	Ghod River
	Fresh water (CMD):	542.2
	Recycled water - Flushing (CMD):	0
	Recycled water - Gardening (CMD):	0
	Swimming pool make up (Cum):	0
	Total Water Requirement (CMD) :	542.2
	Fire fighting - Underground water tank(CMD):	0
	Fire fighting - Overhead water tank(CMD):	0
	Excess treated water	0
<b>Wet season:</b>	Source of water	Not applicable
	Fresh water (CMD):	Not applicable
	Recycled water - Flushing (CMD):	Not applicable
	Recycled water - Gardening (CMD):	Not applicable
	Swimming pool make up (Cum):	Not applicable

	<b>Total Water Requirement (CMD) :</b>	Not applicable
	<b>Fire fighting - Underground water tank(CMD):</b>	Not applicable
	<b>Fire fighting - Overhead water tank(CMD):</b>	Not applicable
	<b>Excess treated water</b>	Not applicable
<b>Details of Swimming pool (If any)</b>	Not applicable	

**33. Details of Total water consumed**

<b>Particulars</b>	<b>Consumption (CMD)</b>			<b>Loss (CMD)</b>			<b>Effluent (CMD)</b>		
	<b>Water Requirement</b>	<b>Existing</b>	<b>Proposed</b>	<b>Total</b>	<b>Existing</b>	<b>Proposed</b>	<b>Total</b>	<b>Existing</b>	<b>Proposed</b>
Industrial Process	325.20	169.20	494.40	130.80	63.60	194.40	194.40	105.6	300
Cooling tower & thermopack	2416	2432	2448	2400	2400	4800	16	32	48
Fresh water requirement	341.2	201.20	542.20	130.80	63.60	194.40	210.40	137.60	348

<b>34. Rain Water Harvesting (RWH)</b>	<b>Level of the Groundwater table:</b>	5-10m BGL
	<b>Size and no of RWH tank(s) and Quantity:</b>	2040m <sup>3</sup> x 1 No
	<b>Location of the RWH tank(s):</b>	near Guest house
	<b>Quantity of recharge pits:</b>	20
	<b>Size of recharge pits</b>	1m x 1m x 1.5m

	<b>Budgetary allocation (Capital cost) :</b>	20 lakh
	<b>Budgetary allocation (O &amp; M cost) :</b>	2.5 lakh
	<b>Details of UGT tanks if any :</b>	NA
<b>35. Storm water drainage</b>	<b>Natural water drainage pattern:</b>	South to North
	<b>Quantity of storm water:</b>	4.5 m <sup>3</sup> /min
	<b>Size of SWD:</b>	600 mm
	<b>Sewage generation in KLD:</b>	40
<b>Sewage and Waste water</b>	<b>STP technology:</b>	NA
	<b>Capacity of STP (CMD):</b>	NA
	<b>Location &amp; area of the STP:</b>	NA
	<b>Budgetary allocation (Capital cost):</b>	NA
	<b>Budgetary allocation (O &amp; M cost):</b>	NA

### 36. Solid waste Management

<b>Waste generation in the Pre Construction and Construction phase:</b>	<b>Waste generation:</b>	Not Any
	<b>Disposal of the construction waste/debris:</b>	Not Any
<b>Waste generation in the operation</b>	<b>Dry waste:</b>	Ash 52.2TPD
	<b>Wet waste:</b>	ETP sludge : 24 TP/M
	<b>Hazardous waste:</b>	Spent oil : 0.55 MT /M
	<b>Biomedical waste (If</b>	NA

<b>Phase:</b>	<b>applicable):</b>	
	<b>STP Sludge (Dry sludge):</b>	0.5 MT/D
	<b>Others if any:</b>	NA
<b>Mode of Disposal of waste:</b>	<b>Dry waste:</b>	Ash will be sold to Brick Manufacturer
	<b>Wet waste:</b>	Composting and used as soil conditioner
	<b>Hazardous waste:</b>	spent oil burned in Boiler
	<b>Biomedical waste (If applicable):</b>	NOT any
	<b>STP Sludge (Dry sludge):</b>	NA
	<b>Others if any:</b>	NA
<b>Area requirement:</b>	<b>Location(s):</b>	NA
	<b>Area for the storage of waste &amp; other material:</b>	NA
	<b>Area for machinery:</b>	NA
<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	10.00 Lakh
	<b>O &amp; M cost:</b>	5.0 Lakh

### 37. Effluent Characteristics

<b>Serial Number</b>	<b>Parameters</b>	<b>Unit</b>	<b>Inlet Effluent Characteristics</b>	<b>Outlet Effluent Characteristics</b>	<b>Effluent discharge standards (MPCB)</b>
1	pH	NA	5.5	6.7	6.5-8.5
2	BOD	mg/lit	720	80	100
3	COD	mg/l	1500	230	250
4	TSS	Mg/l	120	80	100
5	O & G	Mg/l	6	<2	10
<b>Amount of effluent generation(CMD):</b>		348			
<b>Capacity of the ETP:</b>		Existing ETP Capacity of 1350m <sup>3</sup> /day is adequate for proposed Co-generation.			
<b>Amount of treated effluent recycled :</b>		NA			
<b>Amount of water send to the CETP:</b>		NA			

Membership of CETP (if require):	NA
Note on ETP technology to be used	Waste water from a co-gen power plant does not have any significant BOD / COD level. Effluent water sources are boiler & auxiliary cooling tower, blow down, washings, service water, etc. The same will be neutralized and settled in a neutralizing pit. The neutralized effluent will be further treated in the existing ETP and then utilized for ash quenching and gardening of the green belt.
Disposal of the ETP sludge	Used as manure

### 38. Hazardous Waste Details

Serial Number	Description	Cap	UOM	Existing	Proposed	Total	Method of Disposal
1	Used/ spent oil	5.1	MT/M	0.35	0.20	0.55	Reuse in Boiler

### 39. Stacks emission Details

Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	Existing boiler of 80 TPH	32 TPH	1	72	3	136
2	Existing boiler of 2 x 37 TPH up gradation to 2 x 45 TPH	15.22 TPH	1	60	2.5	140
3	Proposed 2 x 45 TPH	40.80 TPH	1	60	4	140

### 40. Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	Baggase	1133.70	638.90	1772.60

41. Source of Fuel

42. Mode of Transportation of fuel to site

43. Green Belt Development	Total RG area :	195000 Sq.m
	No of trees to be cut:	0
	Number of trees to be planted :	5000
	List of proposed native trees :	NA

<b>Timeline for competition of plantation :</b>	plantation will be completed within 2 years
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**44. Number and list of trees species to be planted in the ground**

<b>Serial Number</b>	<b>Name of the plant</b>	<b>Common Name</b>	<b>Quantity</b>	<b>Characteristics &amp; ecological importance</b>
1	Shorea asoca (Roxb.) Willd.	Ashok	750	Small evergreen tree with deep green leaves • The bark of the Ashoka plant is used to prepare cosmetics that help to improve skin complexion
2	Aegle marmelos (L.) Corr.	Bel	500	It is a deciduous plant Used as dietary supplement
3	Limonia acidissima L.	Kavath	500	Large tree growing to 9m tall, with rough, spiny bark. & The fruit is used to make a fruit juice with astringent properties and jams
4	Millettia pinnata Linn.	Neem	1000	Fast growing evergreen tree • Used for skin diseases. • Neem oil is used to treat for healthy hair, to improve liver function & balance blood sugar level
5	Pongamia pinnata (L.) Pierre	Karanj	250	Legume tree • Flowering tree • Used as oil, soap making, & as lubricant
6	Syzygium cumini (L.) Skeels	Jambul	500	Evergreen tropical fruit bearing tree • Fruits & seeds are used in Hyperglycemia in diabetic rates.
7	Mangifera indica L.	Amba	1500	Fruit bearing tree
<b>45. Total quantity of plants on ground</b>				

**46. Number and list of shrubs and bushes species to be planted in the podium RG:**

<b>Serial</b>	<b>Name</b>	<b>C/C Distance</b>	<b>Area m2</b>
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Number			
1	NA	NA	NA

#### 47. Energy

Power requirement:	Source of power supply :	Power Plant & MSEEDCL
	During Construction Phase: (Demand Load):	Not any
	DG set as Power back-up during construction phase	Existing
	During Operation phase (Connected load):	7MW
	During Operation phase (Demand load):	7mW
	Transformer:	220/132 KV
	DG set as Power back-up during operation phase:	500 KVA
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	Not any

#### 48. Energy saving by non-conventional method:

NA

#### 49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %

I	N A	NA
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#### 50. Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
80 TPH Boiler	ESP and 72 M stack Height	
Existing boiler of 2 x 37 TPH up gradati onto 2 x45 TPH	Wet Scrubber to each with 60 M stack Height	
Budgetary allocation (Capital cost and O&M cost):	Capital cost: 0 O & M cost: 0	

#### 51. Environmental Management plan Budgetary Allocation

##### a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Ambient Air	AAQ Monitoring	0.25
2	Noise	Noise level monitoring	0.15
3	Water	Drinking water for workers	0.50

##### b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Air Environment	ESP and 72 M stack Height for 80 TPH and Wet Scrubber to each with 60 M stack Height for 45 TPH Boiler	0	5
2	Water and waste water	Existing ETP having capacity 1350 M3/day	0	5

3	Solid Waste	Solid and Hazardous Waste Disposal & Transportation	10.0	5
4	Green Belt development	Greening Belt Development	20.0	5.0
5	Environment Monitoring	EM Cell -Existing	0	4.05
6	Other	Rain water harvesting, Safety, Security etc.	20.0	2.5

**51. Storage of chemicals (inflammable/explosive/hazardous/toxic substances)**

Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
NA	NA	NA	NA	0	NA	NA	-

**52. Any Other Information**

No Information Available

**53. Traffic Management**

	Nos. of the junction to the main road & design of confluence:	Pargaon Shingave – Kavathe Road
	Number and area of basement:	NA
	Number and area of podiums:	NA
	Total Parking area:	2.0
	Area per car:	NA
	Area per car:	NA
	Number of 2-	

<b>Parking details:</b>	<b>Wheelers as approved by competent authority:</b>	NA
	<b>Number of 4-Wheelers as approved by competent authority:</b>	NA
	<b>Public Transport:</b>	NA
	<b>Width of all Internal roads (m):</b>	6 m and 9 m turning radius
	<b>CRZ/ RRZ clearance obtain, if any:</b>	NA
	<b>Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries</b>	NA
	<b>Category as per schedule of EIA Notification sheet</b>	1(d) B
	<b>Court cases pending if any</b>	NA
	<b>Other Relevant Information s</b>	NA
	<b>Have you previously submitted Application online on MOEF Website.</b>	No
	<b>Date of online submission</b>	-

3. The proposal has been considered by SEIAA in its 239<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:**

**SEAC Conditions-**

1. PP to provide adequate air pollution control equipment's to mitigate the issues related to the emissions and particulate matter.
2. PP to ensure that the entire CER fund are spent before the commissioning of the manufacturing activity in consultation with the District Collector
3. PP to complete green belt development with the provision of drip irrigation before the commissioning of the manufacturing activity.
4. PP to complete rain water harvesting facility before the commissioning of the manufacturing activity.
5. PP to carry out physiochemical analysis of the ETP sludge proposed to be used as manure and obtain approval from the competent Authority so as to ensure its safe use on agricultural land/ garden.

**SEIAA Conditions**

1. 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.
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 1<sup>st</sup> June & 1<sup>st</sup> 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 31<sup>st</sup> 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 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, 1<sup>st</sup> 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  
Date: 4/21/2022

Copy to:

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

Signature Not Verified

Digitally signed by Manisha  
Patankar Mhaiskar  
Member Secretary

Date: 4/21/2022 6:12:02 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

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

Date: 05/09/2023

To,  
 M/s. Bhimashankar Sahakari Sakhar Karkhana Ltd.  
 Gat No 148,A/P - Pargaon Via Awasari Bk, Tal. -  
 Ambegaon, District - Pune.



**Sub: Renewal of Consent for 6000 TCD Sugar unit and 29 MW Co-generation unit.**

**Ref:**

1. Renewal of consent granted by the Board vide no. Format1.0/CAC/UAN No.MPCB- CONSENT-0000147227/CO-2211002122 dtd. 25.11.2022 valid up to 31.07.2023
2. Amendment issued vide No. - CAC/221214FTS0005 DTD. 14.12.2022
3. Minutes of CAC Meeting dtd.03.08.2023.

Your application No.MPCB-CONSENT-0000170265 Dated 08.05.2023

For: grant of Consent to Renewal 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 and Rule 18(7) 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 Renewal is granted upto: 31.07.2026
2. The capital investment of the industry is Rs.318.3206 (Existing - Rs. 323.1601 Crs) Crs. (As per C.A Certificate submitted by industry).
3. Consent is valid for the manufacture of:

Sr No	Product	Maximum Quantity	UOM
1	Sugar	21600	MT/M
2	Bagasse	46800	MT/M
3	Pressmud	7200	MT/M
4	Molasses	7200	MT/M
5	Co-generation Power	29	MW

3. The cane crushing capacity shall not exceed to 6000 TCD

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

Sr No	Description	Permitted in CMD	Standards to	Disposal
1.	Trade effluent	817	As per Schedule -I	100 CMD is recycled and 717 CMD on land for irrigation
2.	Domestic effluent	55	As per Schedule - I	On land for gardening

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

Stack No.	Description of stack / source	Number of Stack	Standards to be achieved
1	Boiler (45 X 2 no.)	1	As per Schedule -II
2	Boiler (80 TPH)	1	As per Schedule -II

6. **Conditions about Non Hazardous Wastes:**

Sr No	Type of Waste	Quantity	UoM	Treatment	Disposal
1	Boiler ash	52.2	MT/Day	NA	Sale to Brick manufactures
2	ETP sludge	1	MT/Day	NA	Sludge dried and used as fertilizer or used in green belt development in factory premises

7. **Conditions under Hazardous & Other Wastes (M & T M) Rules 2008 for treatment and disposal of hazardous waste:**

Sr No	Type of Waste	HW Category.	Quantity & UoM	Treatment	Disposal
1	5.1 Used or spent oil	5.1	0.50 KL/A	Recycle	Sale to authorized recycler

The applicant shall ensure disposal to the Actual user having permissions under Rule 9 of Hazardous and other Waste (M & TM) Rules, 2016.

- a. The applicant shall properly collect, transport & regularly dispose of the hazardous waste to CHWTSDF, in compliance of the Hazardous & Other Wastes (Management & Transboundary Movement) Rules, 2016 and keep proper manifest thereof.
- 8. The Board reserves the right to review, amend, suspend, revoke etc. this consent and the same shall be binding on the industry.
- 9. This consent should not be construed as exemption from obtaining necessary NOC/permission from any other Government authorities.
- 10. The applicant shall comply with the conditions of the Environmental Clearance granted by vide letter . EC22B004MH12609 file No. SIA/MH/ THE/70064/2011 dtd. 21.04.2022
- 11. Industry shall connect online CMS data as per CPCB guidelines to CPCB & MPCB Servers.
- 12. This consent is issued as per the Consent Appraisal Committee meeting dated 03.08.2023.
- 13. PP shall submit an improvement plan regarding O & M of ETP within one month period to achieve consented standards.

14. The applicant shall make an application for renewal of the consent at least 60 days before the date of the expiry of the consent.



*Drinay 21*

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Signed by: Dr.Avinash Dhakne  
Member Secretary  
For and on behalf of  
**Maharashtra Pollution Control Board**  
ms@mpcb.gov.in  
2023-09-05 19:57:27 IST

#### Received Consent fee of -

Sr.No	Amount(Rs.)	Transaction/DR.No.	Date	Transaction Type
1	1909924.00	TXN2305000883	08/05/2023	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.

**SCHEDULE-I**  
**Terms & conditions for compliance of Water Pollution Control:**

1) A] As per your application, you have provided Effluent treatment Plant (ETP) of Designed capacity of 1350 CMD consisting of primary , secondary & tertiary system.

B] The Applicant shall operate the effluent treatment plant (ETP) to treat the trade effluent so as to achieve the following standards prescribed by the Board or under EP Act, 1986 and Rules made there under from time to time, whichever is stringent.

<b>Sr. No.</b>	<b>Parameters</b>	<b>Limiting concentration not to exceed in mg/l, except for pH</b>
(1)	pH	5.5-9.0
(2)	Oil & Grease	10
(3)	BOD (3 days 27°C)	100
(4)	Sulphate	1000
(5)	Suspended Solids	100
(6)	COD	250
(7)	Chloride	600
(8)	Total Dissolved Solids	2100

C] The treated effluent 600.00 CMD shall be disposed on land for irrigation on 49.42 hectares of own land /as per the bilateral agreement with farmers. In no any case treated/untreated effluent shall find its way outside the factory premises directly or indirectly.

D] 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.

E] Trade effluent of 100.00 CMD generated from Co-gen shall be 100% recycle in process.

**F] CREP conditions for Sugar Factory**

- Operation of ETP shall be started at least one month before starting of cane crushing to achieve desired MLSS. So as to meet prescribed standards from day one the operation of mill.
- Waste water generation shall be reduced to 100 liters per tone of cane crushed.
- Industry shall achieve zero discharge into in land surface water bodies.
- 15 days' storage capacity tank shall be provided for treated effluent to take care during no demand for irrigation.

**G] Industry to make necessary arrangement to cover the effluent collection system and to avoid the ingress of Bagasse and other material.**

H] The unit shall operate ETP even after completion of the crushing season so that any effluent generated during washing & maintenance activity is to be discharged after proper treatment.

I] The unit shall optimize water use in industrial process & maintain records.

2) A] As per your application, you have provided septic tank and soak pit for the treatment of 55 CMD sewage.

B] The applicant shall operate sewage treatment system to treat sewage so as to achieve the following standards/ prescribed under EP Act 1986 and rules made under time to time, whichever is stringent.

1	Suspended Solids	Not to exceed	100 mg/l
2	BOD 3 days (27°C)	Not to exceed	100 mg/l

C] The treated sewage shall be 100% reused/recycled for gardening purpose within premise. In no any case, sewage shall find its way outside Company's premises.

- 3) The industry shall have bilateral agreement with the farmers on whose land the treated effluent is used for irrigation purposes and a copy of the agreements with validity shall be submitted to the Regional/Sub- Regional Office of the Board.
- 4) The industry shall create Environmental Cell by appointing an Environmental Engineer, Chemist and Agriculture expert for looking after day to day activities related to Environment and irrigation field where treated effluent is used for irrigation.
- 5) CONDITIONS FOR MOLASSES STORAGE:
  - (i) The molasses shall be properly collected and stored in steel tanks which shall be leak proof. At no stage of handling of molasses, there shall be leakage or spillage.
  - (ii) The capacity of tanks for storage of molasses shall be such that it will take care of bumper production of sugar, non-lifting of molasses etc.
  - (iii) All the area on which molasses are stored and handled should be provided with drain for diverting the spills to the treatment plant/ molasses tank. Suitable arrangements for accidental discharges of molasses from the tanks shall be provided to contain the same within factory premises.
  - (iv) Destruction of molasses and its disposal shall not be done without specific permission in writing from the authorized officer of the Board. Intimation of intention to destroy or dispose of the molasses shall be given to the Board at least 15 (fifteen) days in advance by registered post under intimation to the Sub-Regional officer and Regional officer of the Board under whose jurisdiction the factory is situated.
  - (v) The storage tanks shall be kept in good conditions all the year round with adequate maintenance. The tanks size and capacity per cm, height, total capacity in tonnes shall be displayed prominently near /on the tank.
  - (vi) The above conditions shall be in addition to and not in derogation of the provisions contained in the "Bombay Molasses Rules, 1955? and "Maharashtra Molasses Storage and Supply Regulation, 1965?.
- 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 / CREP guidelines if applicable.

- 7) 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.
- 8) 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.
- 9) 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:

<b>Sr. No.</b>	<b>Purpose for water consumed</b>	<b>Water consumption quantity (CMD)</b>
1.	Industrial Cooling, spraying in mine pits or boiler feed	48.00
2.	Domestic purpose	96.00
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	0.00
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	1694.00
5.	Grandening	0

- 10) 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/ CREP guidelines.

#### **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) and observe the following fuel pattern-**

<b>Stack No.</b>	<b>Stack Attached To</b>	<b>APC System</b>	<b>Height in Mtrs.</b>	<b>Type of Fuel</b>	<b>Quantity &amp; UoM</b>	<b>S%</b>	<b>SO<sub>2</sub></b>
1	Boiler (45 TPH X 2)	Wet Scrubber	60	Bagasse	980 MT/Day	0.20	3920.00
2	Boiler (80 TPH)	ESP	72	Bagasse	780 MT/Day	0.20	3120.00

- 2) **The Applicant shall provide Specific Air Pollution control equipments as per the conditions of EP Act, 1986 and rule made there under from time to time/ Environmental Clearance / CREP guidelines.**

- 1 The Applicant shall provide ESP/ Bag filter/ Wet scrubber to the Bagasse fired boiler and Dust Collector to Sugar bagging section as an Air Pollution control equipments OR as per the conditions of EP Act, 1986 and rule made there under from time to time / Environmental Clearance / CREP guidelines.
- 2 The applicant shall operate and maintain above mentioned air pollution control system, so as to achieve the level of pollutants to the following standards:

<b>Total Particulate matter</b>	<b>Not to exceed</b>	<b>150 mg/Nm<sup>3</sup></b>
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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 Industry should not use auxiliary fuel more than 15 % (as per amendment in EIA Notification 2009, power plant upto 15 MW based on Bio-mass and using auxiliary fuel as coal upto 15% are exempt.) as co-gen capacity is below 15 MW.

**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).**

**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 R	25 Lakh	15 Days/ Extend	towards O & M of pollution control systems and compliance of consent conditions.	31.07.2026	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			

**SCHEDULE-IV**

**General Conditions:**

- 1 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.
- 2 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.

- 3 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 equipment, the production process connected to it shall be stopped.
- 4 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.
- 5 The firm shall submit to this office, the 30th day of September every year, the Environmental 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.
- 6 The industry should comply with the Hazardous & Other Wastes (M & TM) Rules, 2016 and submit the Annual Returns as per Rule 6(5) & 20(2) of Hazardous & Other Wastes (M & TM) Rules, 2016 for the preceding year April to March in Form-IV by 30th June of every year.
- 7 An inspection book shall be opened and made available to the Board's officers during their visit to the applicant.
- 8 The industry shall constitute an Environmental cell with qualified staff/personnel/agency to see the day to day compliance of consent condition towards Environment Protection.
- 9 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.
- 10 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.
- 11 The industry shall submit official e-mail address and any change will be duly informed to the MPCB.
- 12 Industry should monitor effluent quality, stack emissions and ambient air quality monthly/quarterly.
- 13 The industry shall recycle/reprocess/reuse/recover Hazardous Waste as per the provision contain in the H&OW(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.
- 14 Industry 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)).
- 15 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.

- 16 Neither storm water nor discharge from other premises shall be allowed to mix with the effluents from the factory.
17. 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 sitting 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.
- 18 The industry should not cause any nuisance in surrounding area.
- 19 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.
- 20 The applicant shall maintain good housekeeping.
- 21 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.
- 22 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 equipment 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.
- 23 The industry shall ensure that fugitive emissions from the activity are controlled so as to maintain clean and safe environment in and around the factory premises.
- 24 The industry shall achieve the National Ambient Air Quality standards prescribed vide Government of India, Notification dtd. 16.11.2009 as amended.

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This certificate is digitally & electronically signed.

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and the government's role in the economy. The following section will examine the relationship between the government and the economy.

Government intervention in the economy is a complex issue. It is important to understand the different types of intervention and their effects on the economy. The following section will examine the different types of government intervention and their effects on the economy.

Government intervention in the economy can be categorized into two main types: fiscal policy and monetary policy.

Fiscal policy refers to the government's use of taxation and spending to influence the economy. It can be used to stimulate economic growth or to reduce inflation.

Monetary policy refers to the government's use of the central bank to influence the economy. It can be used to stimulate economic growth or to reduce inflation.

Both fiscal and monetary policy can be used to achieve economic goals. However, they can also have negative effects on the economy if not used properly.

Government intervention in the economy can also be used to achieve social goals. For example, the government can use taxation and spending to provide social services such as healthcare and education.

Government intervention in the economy can also be used to achieve political goals. For example, the government can use taxation and spending to support political parties or candidates.

Government intervention in the economy can be a complex issue. It is important to understand the different types of intervention and their effects on the economy. The following section will examine the different types of government intervention and their effects on the economy.

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**14) ELECTROSTATIC PRECIPITATOR (ESP)**

The ESP should be designed on the following basic parameters :

- Gas Flow Rate : Corresponding to MCR of boiler
- Temperature of gasses at ESP inlet : 150°C
- Inlet Dust concentration : about 5.0 g /N cu.m
- Outlet Emission (concentration) at ESP exit: shall be less than 100mg/Nm<sup>3</sup>
- Pressure Drop across ESP for above condition: shall be less than 25mmWc to gas side

The electrostatic precipitator of suitable capacity shall be designed so that the dust emission at the outlet of the chimney should be limited to 100 mg / NM<sup>3</sup> or as prescribed by State Pollution Control Board. The ESP shall be installed on the suction side of ID fan and shall be complete with rotary air lock valve with drive provided with local and remote push button control and a side manual gate. The minimum elevation of the discharge flange of the rotary air lock valve shall be at + 2500 mm, suitable platform, MS steel staging, ladders, staircases, railing, inspection and packing holes shall be included in the scope of supply. The ESP should be properly insulated with aluminum cladding ESP be provided with indication for ash level, low and high temperature alarm, water washing arrangement ESP Switchgear Control Panels, rectifier control panels complete in all respects. The general arrangement showing major dimension and clearances for ESP system, ESP foundation drawing for load data, electric single line diagram along with detailed drawings should be furnished for approval from the Purchaser. Necessary instruction / maintenance manual and training to be provided.

globe&check valves (low pressure) s 600 and below	BHEL/GEA/L&T/Bharat heavy plates and vessels ltd./Western India enterprises
ar boxes	ABB/BHEL/Thermax/ACC
ulation supply & insulation)	Audco/BDK/BHEL/KSB/Steel strog/Valvetech
P. Dosing system	Elecon/Fmg/WIL/Greaves cotton
Mechanical seal	Insulation India/Lloyds/Minwool rock fibre/raja insulation
Spring hangers	Asia Imi/Enpro/PSI engg/ fluid control/ positive metering
Steam traps	Burgmann/Durametallic/Jhone crane/Sealol
Strainers	BHEL/L&T/Pipe supports India (p) ltd (MYRICKS)/Sarathi
Travelling grate	Spirex marshall/Uniklinger/Pennant
Valve actuators (electrically operated)	Bhatia/Filtron engg./Strainwell/Sungov
Electronic bar graph indicators	Detroit/Fosterwheeler/IJT/TBW/Zurn/Riley
Pressure,temperature & D. P transmitter	AUMA/Antrieb/Rotark/Limtorque
Steam and water analysis system	Massibus/Yokogawa
Temperature gauges	ABB/Rosemount/Tata well/Yogokawa blue star ltd
Vibration monitoring	ABB/Rosemount/Yogokawa star/Forbe marshall
Soot blowers	An instruments/General instruments/Pyro electric/Waree
ESP	Entek ird/Scenk avery/spm instruments
Vasantdada Sugar Institute, Pune	Sitson / RR techno / High - Tech BHEL/Batliboi/ Alstom/ Tharman



Description	Unit	100 % MCR Bagasse
Flue Gas Draught at	MMWC	
a. Furnace Outlet		-5
b. Superheater Inlet		-5
c. Superheater Outlet		-10
d. Bank Inlet		-10
e. Bank Outlet		-15
f. Economiser Inlet		-20
g. Economiser Outlet		-55
h. Low efficiency grit seperator inlet		-60
i. Low efficiency grit seperator outlet		-85
j. Airheater Inlet		-95
k. Airheater Outlet		-135
l. ESP Inlet		-150
m. ESP Outlet		-175
n. ID fan inlet		-190
33 Flue Gas Velocities	M/Sec.	
a. Combustion Chamber		4.8
b. Superheater Zone		6 max
c. Bank Tube		8.0 max
d. Economiser		8 - 10
e. Air Preheater		10 - 14

Data Sheet 1.3.1  
No.

Sheet No.:

Vasantdada Sugar Institute, Pune



**21) HP AND LP DOSING**

Tri-sodium based HP dosing system, hydrazine and ammonia based LP system shall be provided. HP system shall add chemical to boiler water while LP dosing is done to feed water preferably at deaerator outlet water. HP dosing pump shall be simplex reciprocating plunger type stroke adjustable while pump is in operation for 0 to 100 % capacity, while LP dosing pump shall be of diaphragm type. Wetted parts of pumps shall be of SS construction Each system to include SS mixing tank with motor driven stirrer and with dished bottom ends with flat top covers. Inspection doors with swivel bolts and wing nuts shall be provided for top cover. Volumetric capacity of both the tanks shall be suitable for 24 hours based on 1 % concentration of tri-sodium phosphate for HP dosing and 0.1 % for LP dosing. Each mixing tank shall have rubber linings from inside and shall be fitted with motorised stirrer. The capacity of each tank shall be of minimum 500 litres.

**22) RCC CHIMNEY**

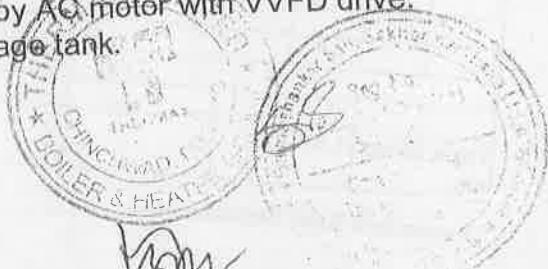
One RCC Chimney of approx 3.5 m. inside dia. at the top and about 70 m. in height with ladder and guards will be constructed by purchaser, however refractory lining up to 20 m. height of suitable thickness shall be provided by seller, lightening arrestor, m. s. frames and fittings for flue gas inlet to chimney etc. shall be in the seller's scope of supply. The seller shall give chimney design calculations.

**23) BOILER FEED WATER PUMPS**

Three nos (2W+1S) each of 50 cub. m. /hr capacity at about 1050 m. head running at 2900 RPM shall be provided. In normal working two numbers of 50 cub. m. /hr. shall be in operation and one no. as standby. Each multistage electrical driven pump shall be suitable for pumping hot water at 105 to 120 Deg. C. from deaerator to boiler of 87 Kg /sq. Cm. pressure. Pumps shall be provided with mechanical seals and mechanical seals shall be with spare conversion kit. Each pump shall have an automatic recirculation ( ARC) valve of Schroevdhal / Hora make and shall be sized for higher of maximum flow thermal and minimum flow stable value such that in any case maximum temperature rise of feed water is limited to 8 Deg. C.

**Material of construction of pumps shall be as under;**

Casing-SA216Gr. WCB, discharge casing—CA6NM, impeller—CA6NM, shaft—AISI 410, casing wearing ring —CA6NM. Pressure switch shall be provided in individual discharge piping of pump up stream of automatic re-circulating valve. Removable conical type suction strainers of SS304 material shall be provided for each pump with free flow area equal to four times flow area of pipe. Impeller size shall be one size lower than maximum. Each pump shall be driven by AC motor with VVFD drive. Re-circulated water shall lead to de-aerated water storage tank.



## A - DESIGN DATA.

SR.NO.	DESIGN PARAMETER	BAGASSE 100% MCR (HP HEATER IN)	BAGASSE 100% MCR (HP HEATER OUT)
1	DESIGN GAS FLOW RATE IN AM3/HR	241560	231480
2	TEMPERATURE DEG.C ( OPERATING )	150	150
3	CASING MECHANICAL DESIGN TEMPERATURE DEG.C	200	200
4	DUST TYPE	FLY ASH	FLY ASH
5	MAXIMUM INLET DUST LOADING ( GM / NM3 )	5	5
6	OUTLET EMISSION FOR ESP ( MGM / NM3 ) ALL FIELD WORKING.	100	100
7	OUTLET EMISSION ( MGM/NM3 ) - FIRST FIELD OUT OF SERVICE		
8	MOISTURE IN GAS ( % V/V )	25.74	26.52
9	UNBURNT CARBON IN FLY ASH ( % )	45.55	45.55
10	COLLECTION AREA M2	2054.64	2054.6
11	SPECIFIC COLLECTION AREA M2 / M3 / SEC.	30.62	31.95
12	NO OF GAS PASSAGES	19	19
13	EFFECTIVE C E WIDTH ( METER )	3.696	3.696
14	EFFECTIVE C E HEIGHT ( METER )	7.315	7.315
15	VELOCITY THROUGH ESP M/SEC.	1.19	1.14
16	TREATMENT TIME ( SEC. )	6.2	6.5
17	NO OF FIELDS IN SERIES	2 MECH & 2 ELECT	2 MECH & 2 ELECT
18	MIGRATION VELOCITY ( CM/SEC. )	12.77	12.24
19	DESIGN PRESSURE ( mmWG )	± 250	± 250
20	DUST DENSITY FOR POWER ( KG/M3 )	600	600
21	DUST DENSITY FOR DISCHARGE ( KG/M3 )	250	250
22	FLG TO FLG PRESSURE DROP ( mmWC )	25	25
23	EFFICIENCY ( % )	98	98
-		-	-
-		-	-
-		-	-
-		-	-
-		-	-
-		-	-

## B - ASH COLLECTION RATE IN EACH FIELD (KG/HR)

SR NO.	FUEL	BAGASSE 100% MCR (HP HEATER)	BAGASSE 100% MCR (HP HEATER OUT)
1	FIELD-1	669 (0)	641 (0)
2	FIELD-2	95 (764)	91 (732)
3	FIELD-3		
4	FIELD-4		
5	FIELD-5		
6	FIELD-6		
7	TOTAL DUST COLLECTED IN ESP (KG/HR)	764 (764)	732 (732)

VALUES IN PARENTHESIS ARE FOR FIRST FIELD OUT OF SERVICE.

APPLICABLE

ROTARY AIR LOCK VALVE CAPACITY IN M3/HR. AT 50 % FILLING EFFICIENCY.

10

MINIMUM WIDTH OF ASH HANDLING SYSTEM SHALL BE GREATER THAN 350 mm.

**C - PRODUCT DATA**

C - 1	CASING THK. mm.	4
C - 2	HOPPER WALL THK. mm.	4
C - 3	INLET & OUTLET NOZZLE THK. mm.	4
C - 4	PENTHOUSE SIDE WALL THK. mm.	3
C - 5	PENTHOUSE TOP SHEET CHQ. PLT. THK. mm.	4
C - 6	PERFORATED SHEET FOR NOZZLE THK. mm	2.5
C - 7	INSULATION THK. mm	50
C - 8	INSULATION DENSITY Kg/M3	100
C - 9	CLADDING TYPE / THK. (SWG)	PL AL / 24
C - 10	HOPPER VOLUME M3 (100% FULL)	79
C - 11	INSULATION AREA M <sup>2</sup> (APPROX)	875

**D - TR SET DETAILS**

D - 1	T.R. CONTROLL TYPE	MICROPROCESSOR CONTROLLED		
D - 2	T.R. SET RATING DETAILS -			
a)	OUTPUT VOLTAGE	120 KV DC		
b)	OUTPUT CURRENT (mA)			
1)	TR SET NO.1	300	5) TR SET NO.5	NA
2)	TR SET NO.2	400	6) TR SET NO.6	NA
3)	TR SET NO.3	NA	7) TR SET NO.7	NA
4)	TR SET NO.4	NA		

**NOTES FOR WATER WASHING ARRANGEMENT :-**

1	CUSTOMER TO USE 20 Mtr. FLEXIBLE WATER RUBBER HOSE FOR CLEANING THE ESP FROM INSIDE ONLY DURING COMPLETE SHUTDOWN.
2	NO PERMANENT WATER CONNECTION TO BE CONNECTED. THIS IS TO BE USED ONLY DURING SHUTDOWN.
3	ESP SHOULD NOT BE STARTED UNLESS WATER IS DRIED WITH HOT GAS FOR APPROX 2 TO 3 HR.
4	DUST DISCHARGE EQUIPMENT TO BE REMOVED BEFORE WASHING.

## E - LOAD DATA

DESIGN WIND PRESSURE ESP LOAD DATA ON RCC PEDESTAL TOP			120	SEISMIC ZONE		III	AS PER	IS 1893		
SR NO.	COLUMN NUMBER	STATIC LOAD	DUST LOAD	LOAD DUE TO WIND PRESSURE				LOAD DUE TO SEISMIC		LIVE LOAD
				HORIZONTAL		VERTICAL		HORIZONTAL		
+/ - X	+/ - Z	+/ - X	+/ - Z	+/ - X	+/ - Z	+/ - X	+/ - Z	+/ - X	+/ - Z	
1	H8, H7	29	16	3	7	9	17	3	4	3
2	J8, J7	45	32	8	8	38	23	9	6	44
3	K8, K7	45	32	8	8	38	23	9	6	44
4	L8, L7	29	16	3	7	9	17	3	4	3
5	M10, M9	0.5	-	-	-	-	-	-	-	10
6	-	-	-	-	-	-	-	-	-	1.5
7	-	-	-	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-	-	-	-

ASH DENSITY CONSIDERED = 800

CIVIL FOUNDATION DETAILS SHOWN IN THIS DRG. ARE PICTORIAL ONLY.

CIVIL FOUNDATION DESIGN &amp; DETAILING IS IN CUSTOMER SCOPE BASED ON LOAD DATA MENTIONED ABOVE

## F - PAINTING DETAILS

TYPE	INSULATED (INSIDE & OUTSIDE)	NON INSULATED
Components	Casing, Hopper, Nozzle, PentHouse/Insulator Box & misc.	Support Structure, Monorails, Staircase & Platforms, Ladder, Canopy if applicable
Surface Preparation	Mechanical Cleaning to ST-2 Grade	Mechanical Cleaning to ST-2 Grade
Primer	Two coats of Red Oxide Primer,	Two coats of Red Oxide Primer,
Intermediate Paint	DFT/Coat : 25-30 Microns,	DFT/Coat : 20-25 Microns,
Finish Paint	Not Applicable	Not Applicable
Finish Paint Shade	Not Applicable	Not Applicable
Grating for Staircase & Platform	As per Non-insulated scheme.	Not Applicable
Railing for Staircase & Platform	As per Non-insulated scheme.	Not Applicable
Internals	Rust preventive Oil Coating	
Bought outs	As per manufacturer STD	
Hardware	STD.	

## CONSULTANT

VASANTDADA SUGAR INSTITUTE

DOMESTIC

## ACTUAL USER

BHIMASHANKAR SSK LTD.

## APPLICATION

ESP FOR 80 TPH BAGASSE FIRED TG BOILER

## PROJECT NO :-

E210259

THERMAX LIMITED

ENVIRO DIVISION



PREPARED	CHECKED	APPROVED	SIZE	SCALE	CUSTOMER :-	B&H A/C BHIMASHANKAR SSK LTD.
SIGN	-SD-	-SD-	-SD-	A2	TITLE -	ELECTROSTATIC PRECIPITATOR
NAME	SMG/DLP	PVM/DMD	PGD			GENERAL ARRANGEMENT OF ESP
DATE	10.07.12	10.07.12	10.07.12			MODEL - TE1
					EXCEL FILE NAME	EEAA010310-2-01 [E210259].xls
					PROJECTION	SHEET
						DRAWING NO
					2 OF 2	REV
					EEAA010310	1

**G - GENERAL NOTES**

- 1 TOTAL UNIT IS INSULATED WITH LRB MATTRESSES OF MINERAL WOOL AND ALUMINUM CLADDING.
- 2 NOZZLE FLANGES ARE NOT DESIGNED TO TAKE ANY EXTERNAL LOAD AND DUCT EXPANSIONS.
- 3 THE EQUIPMENT SHALL BE DISPATCHED IN KNOCK DOWN CONDITION.
- 4 WEIGHT OF HEAVIEST COMPONENT IN TONNES (DESPATCHABLE) 3.0 T / T.R. SET.
- 5 SUPPLY VOLTAGE :  $415V \pm 10\%$ ,  $50Hz \pm 5\%$ , 3 PHASE, 3 WIRE AC.
- 6 DUST MUST BE CONTINUOUSLY EVACUATED FROM HOPPERS THE FIELD WISE ASH COLLECTION RATES AS INDICATED IN TABLE - B
- 7 THE EQUIPMENT SHALL BE DISPATCHED IN CKD CONDITION. CASING, NOZZLES, HOPPERS AND PENTHOUSE SHALL BE SUPPLIED IN PANEL FORM.
- 8 CUSTOMER SHOULD PROVIDE GUIDE VANES AT THE INLET DUCTING OF ESP TO ENSURE UNIFORM GAS DISTRIBUTION AT THE INLET OF ESP TO GET DESIRED PERFORMANCE
- 9 IN CASE OF HOPPER FILLED CONDITION ARISE DUE TO ABNORMAL WORKING CONDITIONS, HOPPER TO BE EVACUATED ONE BY ONE BEFORE NORMAL START-UP. THIS IS TO AVOID ANY OVERLOADING OF DOWNSTREAM CONVEYING SYSTEMS.

Matraynagar, Pargaon Via Awasari Bk.,  
Car Arangegaon, Dist - Pune. 412 406  
TELE-FAX: (02133) 284231, 284232,  
284241, 284246, 284270, 9975568130  
Telegram : Bhimashankar Sugar  
E-mail : bsskltd@gmail.com / bsskl@rediff fmail.com



**BHIMASHANKAR**  
SAHAKARI SAKHAR KARKHANA LTD.

(Regd.No: P.N.A. / A.G.N. / P.R.G.(A) S-47 1994 Dt.31-3-94)

BSSK/ Pur./ 1237 / 2013 – 2014

Date :- 27 / 07 / 2013  
28

**Work Order**

To,

**M/s. Niks Technical Services**

1, white field Apartment, plot no. 20  
Ashok Nagar, Pune – 411 007  
Ph – 020 – 25510450  
Mob – 9822014385

**Sub:- Design, Supply, Erection, Commissioning of Wet Scrubber for Boiler.**

Dear Sir,

With reference to your quotation for above we are pleased to place our order on you as follows.

**1) Scope –**

**Wet scrubber Make – M/s. Aerochem Engineering co.**

Design, Supply, Erection, Commissioning of Venture Wet type Scrubber following specification.

**Boiler Capacity – 37 TPH**

**Type of scrubber – Venture Wet type Scrubber**

**Inlet gas Volume – 144000CMH (2400CMS)**

**Inlet gas Temp. – 180 deg. C**

**Efficiency – 97 – 99%**

**Type of Throat – Fixed**

**Dust Loading at Outlet - < 100 mg / Nm<sup>3</sup>**

**Material of Construction:-**

**Venturi Stainless Steel 304 10mm thk.**

**Plenum Chamber, scrubber & Other Connections ....MS 10mm thk**

**Scrubber bottom shell, Bottom cone, Cyclonic entry & Plenum inside lining with SS 304 1.6mm thk.**

**Scrubber shall be provided with with mist eliminator and sight and light glasses and manhole for inspection and maintenance.**

**Spray header with nozzles shall be provided in two sets in scrubber, One set in plenum and backwash for mist eliminator.....MOC SS304.**



(Regd.No: P.N.A. / A.G.N. / P.R.G.(A) S-47 1994 Dt.31-3-94)

Wet scrubber installation shall be such that it should be suitable for operation with both boilers, one at a time.

Required steel material for flue gas ducting from existing ducting upto venturi inlet and from scrubber outlet upto existing ducting is excluded from scope of supply and work.

6 Nos. flue gas ducting dampers are included in the scope of supply for wet scrubber.

Ash handling system is excluded from scope of supply.

Required pumps- 2 Nos. Clearwater pump with SS impeller, CI body self priming type.

Civil work is in the scope of BSSK Ltd.

All required valves are in the scope of supply.

Approval from pollution authorities. is in the scope of work. Necessary fees will be paid by BSSK Ltd.

2) Quantity - 1 Set

3) Rate - for supply Rs. 30,00,000/- (Rupyees Thirty Lakh Only)  
for Erection Commissioning Rs. 5,00,000/- (Rupyees Five Lakh Only)

4) Payment - For Supply-30% Advance, 60% Against delivery, Balance after satisfactory trial.  
For Erection Commissioning - 90% After completion of work, 10% After  
satisfactory Trial.

5) Taxes - Extra as applicable

6) Transportation - Nil.

Thanking you,  
Yours faithfully

  
(Jagdish Harlikar)  
Managing Director

Dai Sugarcagar, Pargaon Via Awasari Bk.,  
Ambegaon, Dist - Pune. 412 406  
TELEFAX: (+91 33) 284231, 284232,  
284241, 284246, 284270, 9975568130  
Telegram : Bhimashankar Sugar  
E-mail : bsskl@gmail.com / bsskl@rediffmail.com



# BHIMASHANKAR

SAHAKARI SAKHAR KARKHANA LTD.

(Regd.No: P.N.A. / A.G.N. / P.R.G.(A) S-47 1994 Dt.31-3-94)

**Wet scrubber Make – M/s. Aerochem Engineering co.**

Design, Supply, Erection, Commissioning of Venture Wet type Scrubber following specification.

Boiler Capacity – 37 TPH

Type of scrubber – Venture Wet type Scrubber

Inlet gas Volume – 144000CMH (2400CMS)

Inlet gas Temp. – 180 deg. C

Efficiency – 97 – 99%

Type of Throat – Fixed

Dust Loading at Outlet - < 100 mg / Nm<sup>3</sup>

**Material of Construction:-**

Venturi Stainless Steel 304 10mm thk.

Plenum Chamber, scrubber & Other Connections ....MS 10mm thk

Scrubber bottom shell, Bottom cone, Cyclonic entry & Plenum inside lining with SS 304 1.6mm thk.

Scrubber shall be provided with mist eliminator and sight and light glasses and manhole for inspection and maintenance.

Spray header with nozzles shall be provided in two sets in scrubber, One set in plenum and backwash for mist eliminator.....MOC SS304.

Venturi Type Wet Scrubber installed at M/s Bhimashankar SSK Ltd.,  
Tal.- Ambegaon, Dist.-Pune, common to Two Nos. 40 TPH Boilers.

- 1) Reference Drawings -
  - a) Drg. No.- 2148-103837/1, GA Drg. of Wet Scrubber,
  - b) Drg. No.- 2148- 103837/2, Venturi Details,
  - c) Drg. No.- 2148- 103837 R5, Wet Scrubber Layout Details
  - d) Drg. No.- 2148-103837/14, Fresh Water Pump & Piping Details

## 2) General arrangement of Venturi Type Wet Scrubber System.

Prior to installation of 'Airochem' make Wet Scrubber, there were two MDC's installed, one for each boiler independently. In the present system, one of the two existing MDC's is removed from it's place and One No. 'Airochem' Venturi Type Wet Scrubber is installed in it's place.

Inter-connecting flue gas ducting path is designed in such a way that when only one boiler in operation, flue gases from that boiler shall be routed Venturi through newly installed Venturi type Wet Scrubber. When both boilers are in operation, one Boiler shall be connected MDC and other Boiler shall be connected to newly installed Venturi type Wet Scrubber. Suitable multi-louvered are provided in the ducting to carry out this operation.

## 3) Design & Working of 'Airochem' make Venturi type Wet Scrubber.

The 'Airochem' Wet Scrubber consist of a Wet Venturi followed by a liquid entrainment separator. Ash particles laden flue gases enter the venture and instantly make contact with the radially introduced scrubbing liquid swirling down the venturi's convergent walls.

At the venture throat, the flue gas and liquid streams collide and the liquid breaks down into droplets which trap fly ash particles. This gas/liquid mixture passes through an elbow diffuser and enters the entrainment separator through a tangential inlet. Centrifugal action removes the heavy wetted particles from the gas stream.

Suitably designed mist eliminators are provided inside entrainment separator at it's top for removing fine water particles from the gas stream. Clean gases are let out from top of the entrainment separator, to ID Fan inlet. Wetted ash mixed with liquid, commonly called as Slurry, is let out at the bottom, to the suitably designed soak pits.



# 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

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

Tel. Fax: (02133) 284241, 284270, 9975568130, 8888846990 E-mail : bsskltd@gmail.com Web site: www.bhimashankarssk.com, www.bsskl.sets.co.in

BSSK/Pur. १२ /2021 – 2022

Date :- 10/07/2021

13

### Work Order

To,

M/s. ONSHA MANUFACTURES (3/77) ✓  
A/P- MANCHAR, TAL- AMBEGAON,  
DIST- PUNE.  
Mob – 9960829840  
Email- [ashokhingencp@gmail.com](mailto:ashokhingencp@gmail.com)

Sub:- Boiler Wet Scrubber Repairing Work . (Tender A-62) ✓

Dear Sir,

With reference to Board of Director Meeting negotiations dated 03/07/2021, we are pleased to place our order for Boiler Wet Scrubber Repairing Work as follows.

Sr. No.	Item code	Description	Unit	Qty	Rate /Unit INR
1	1274	Wet Scrubber repairing work for Boiler No MR 13151 Scope of Work Complete replacement of wet scrubber body, Top Plate & bottom cone Height of body – 14 Mtr Diameter – 4.600 Mtr Plate thickness for complete body, top plate & bottom cone – M.S. 10 mm	Job	01	2700000/- (Rs. Twenty Seven Lakh Only)

### Terms and Conditions :-

- 1) GST:- Extra As Applicable. ✓
- 2) Payment- 50% Advance, balance as per work progress. ✓
- 3) Transportation – Nil. ✓

Thanking You,

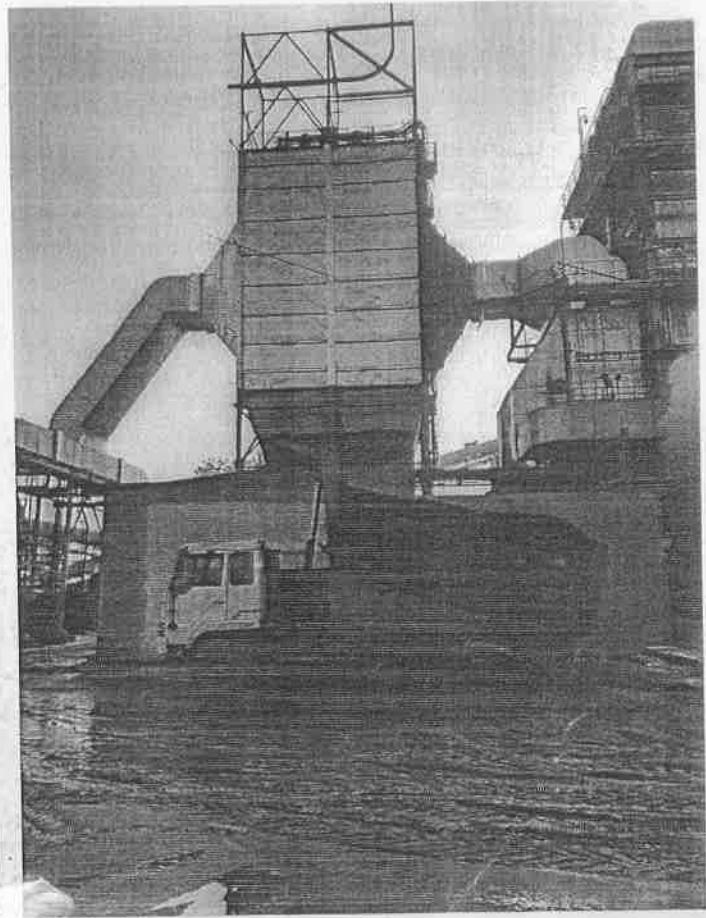
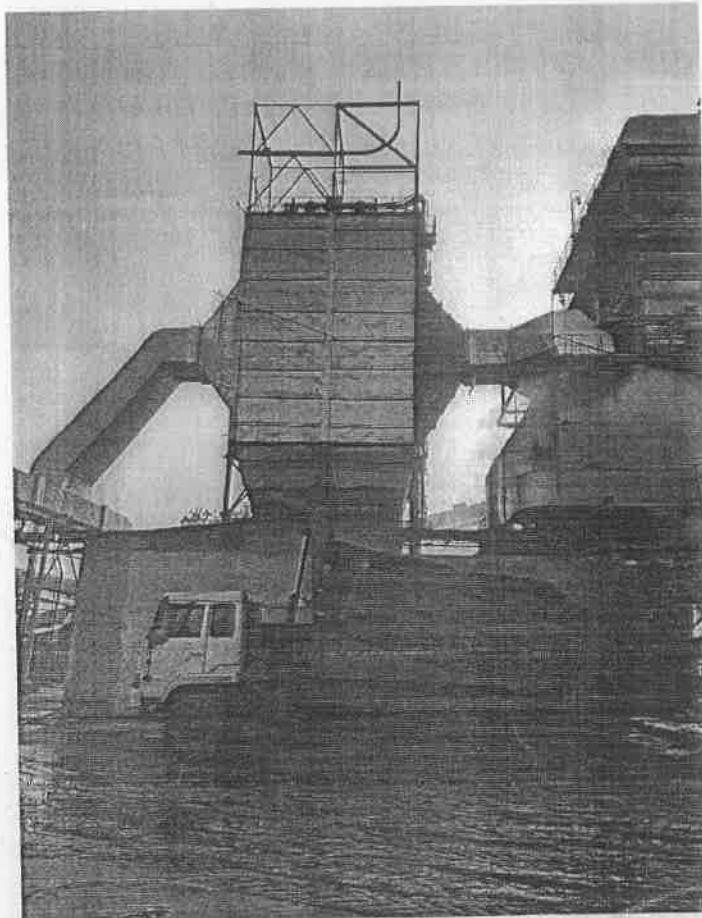
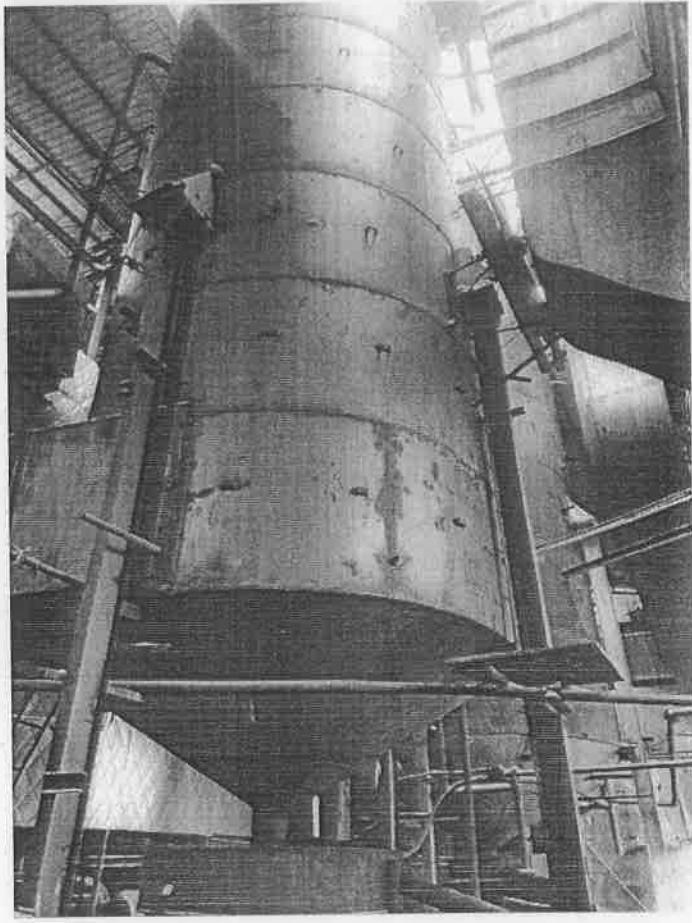
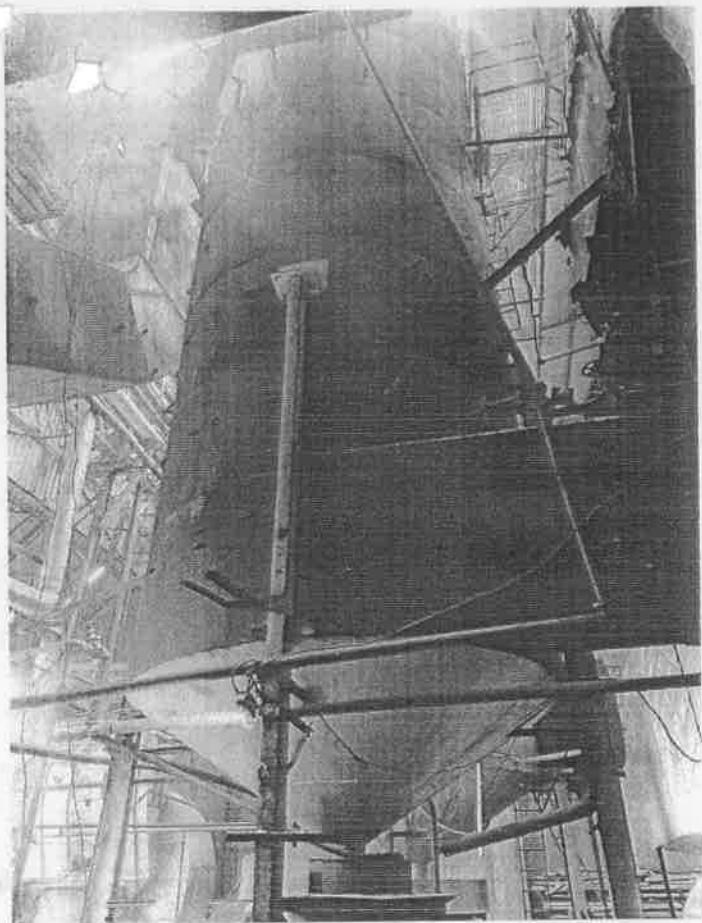
Yours faithfully,

(C.G. Dhage)

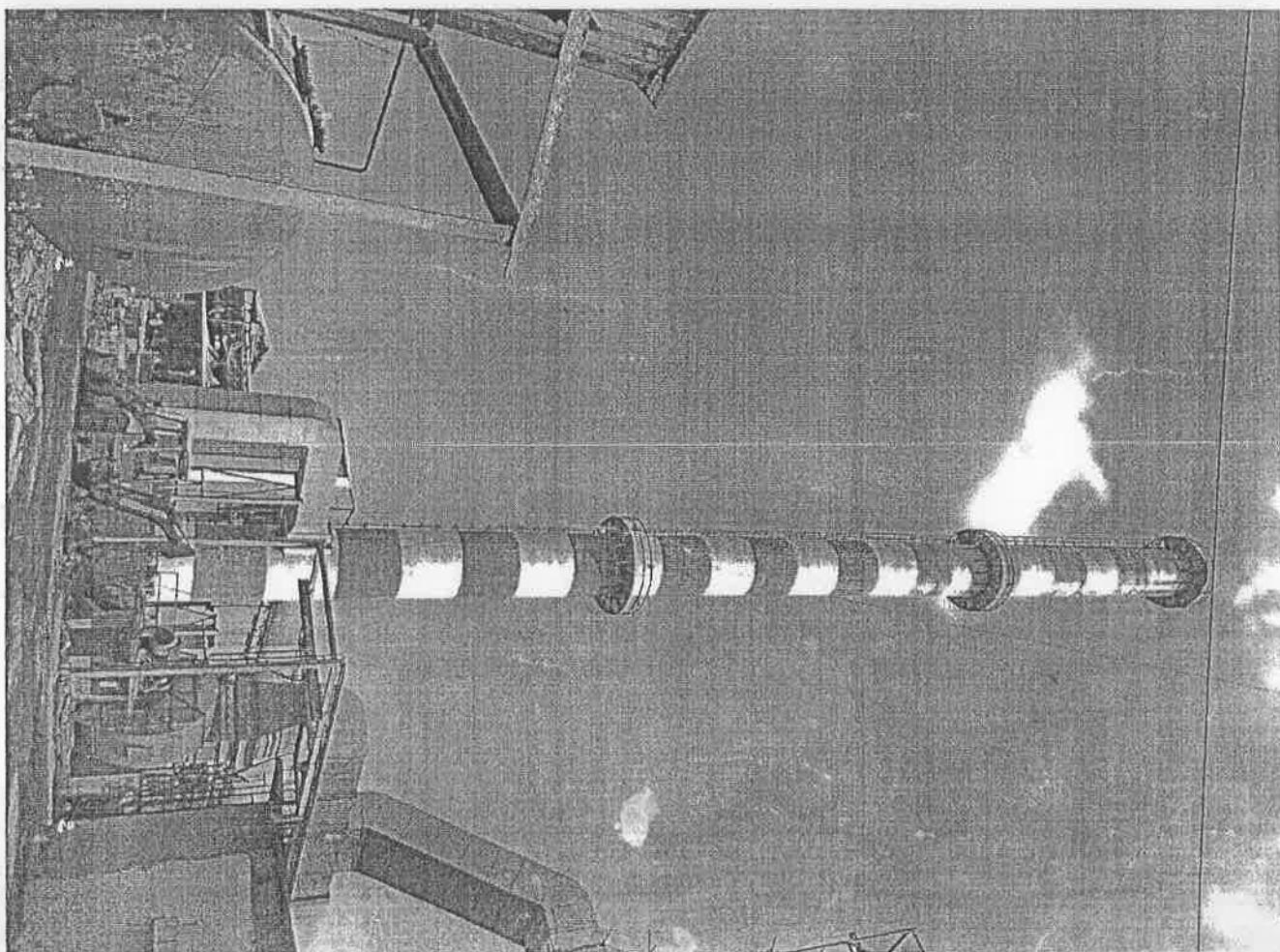
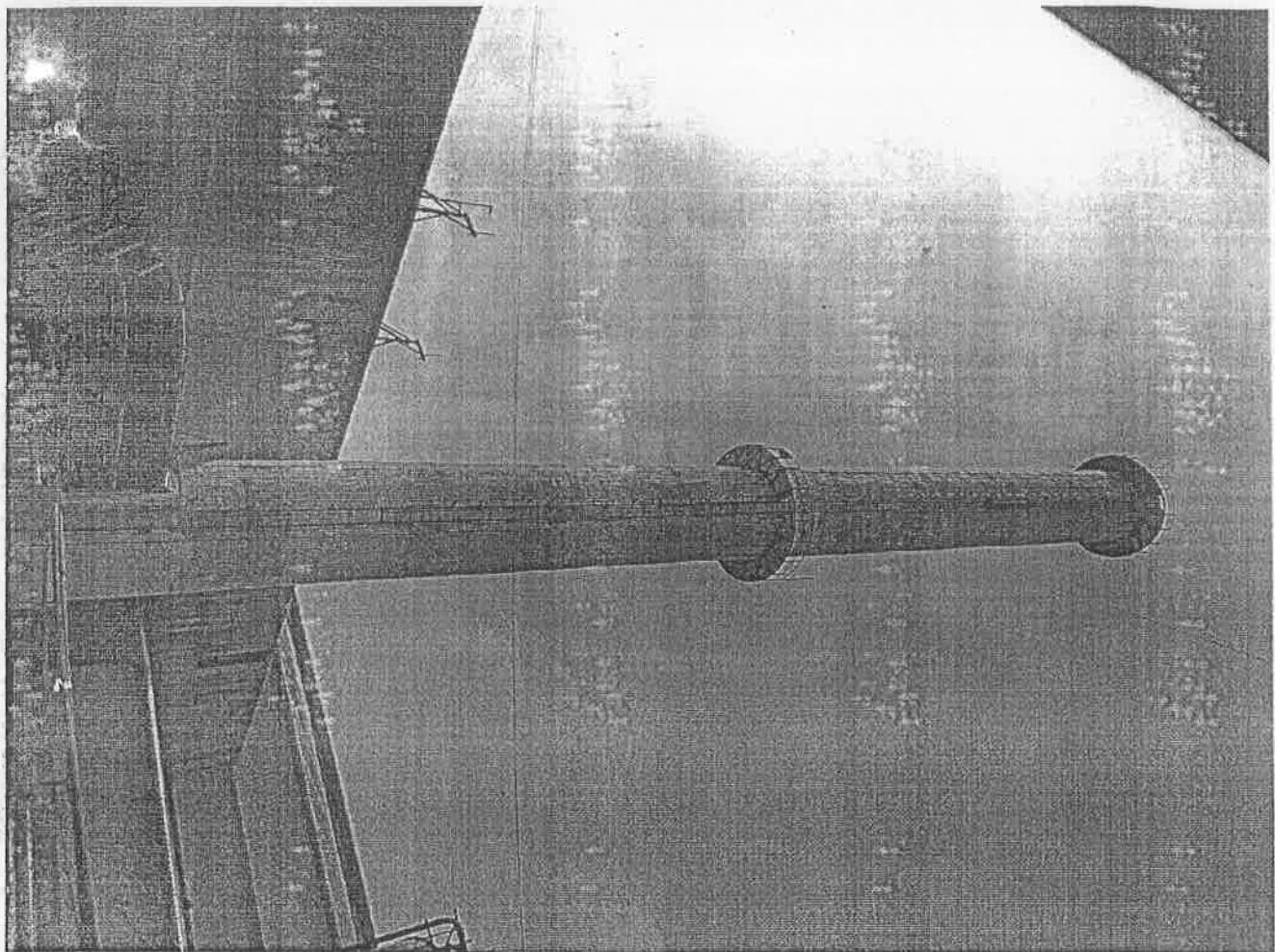
Managing Director

10/7/21  
C.G.D











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.	अधिकार्यांचे 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 कुहाडे, 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	कामासाठी 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)	८,६९,००८/-
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)	८,६९,००८/-
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)	८,६९,००८/-

४.	जिल्हा परिषद प्राथमिक शाळा काठापूर बु.	काठापूर बु.	मुलींसाठी १ टॉयलेट ब्लॉक (३ टॉयलेट व चॅंजिंग रुम-१, वॉशबेसिन)	५,००,०००/-
५.	जिल्हा परिषद प्राथमिक शाळा शिंगवे	शिंगवे	मुलींसाठी १ टॉयलेट ब्लॉक (३ टॉयलेट व चॅंजिंग 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 चॅंजिंग 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 चॅंजिंग 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 चॅंजिंग 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 चॅंजिंग रुम-१, वॉशबेसिन) व मुलांसाठी १ टॉयलेस ब्लॉक (२ टॉयलेट व युरीनल-३, वॉशबेसिन-१)	८,६९,००८/-
१०.	पंडीत जवाहरलाल नेहरु 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/-
			एकूण -	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 जाहिर 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. दत्तात्रेयनगर, पारगांव तर्फे अवसरी बु., ता. आंबेगांव, जि. पुणे

स्थलप्रतीक्षा वार मा. जिल्हाधिकारी सो.

यांची स्वाक्षरी असे:

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(ज्योती कदम)

निवासी उपजिल्हाधिकारी

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पुस्तकालय दि. 03/06/2028

**BHIMASHANKAR SAHAKARI SAKHAR KARKHANA LTD.**

Dattaswamygar, Pargao V/a Awas in Bk. Tal. Ambegaon, Dist. Pune, Pin. 412406 (Maharashtra).  
Phone No. 9975568130, 8888846990. Email: bss11@gmail.com, Website: www.bhimashankarskh.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 Garage office	36,771/-	3,70/-
2	Construction of Navara Shed for College At Karkhana	108,90/-	10,00/-
3	Providing & Doing G.I. sheet at barastech compound	3,13,516/-	3,138/-
4	Construction of septic tank and Plumbing, sanitary work At The Colony	3,7,094/-	3,70/-
5	Construction of Toilet Block unit for ZP School at Kathapur BK	5,00,000/-	5,000/-
6	Construction of new monitor accom and Ramp for 80 Wtch Bridge	6,81,94/-	6,820/-
7	Construction for 80 MT weighbridge foundation	8,4,840/-	8,48/-
8	Construction of 6CR Masonry Chamber for Drainage Line Near English Medium School At Karkhana	6,10,174/-	6,100/-
9	Construction of Toilet Block unit for New English School at Lakhanaigaon	8,61,008/-	8,610/-
10	Construction of Toilet Block unit for Samprakash Secondary and Higher Secondary School at Paragon shingvi	8,61,008/-	8,610/-
11	Construction of Toilet Block unit for Bhairavnath Secondary and Higher Secondary School at Lam	8,61,008/-	8,610/-
12	Construction of Toilet Block unit for Z.P. School at Shingvi	8,61,008/-	8,610/-
13	Construction of Toilet Block unit for Mamasabai Mohol Vidhyalya at Pendrewadi	8,61,008/-	8,610/-
14	Construction of Toilet Block unit for Narsimha Vidhyalya at Watal	8,61,008/-	8,610/-
15	Construction of Toilet Block unit for Narsimha Vidhyalya at Awasari Bk	8,61,008/-	8,610/-
16	Construction of Toilet Block unit for Kailhanawati Vidhyalya at Khadak	8,61,008/-	8,610/-
17	Repairing work of school Building at J.N.V. Vidhyalya and D.G. Walse Patil Higher Secondary school at Singvi	10,00,000/-	10,000/-
18	Construction of R.F. Guard Wall to Santosh Kware House At Site	54,946/-	5,50/-

**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 & GST 18% extra in cash/RTGS from Karkhana office (Excluding Holiday). Thursday is our holiday. (2) Time Limit is 30 Days (3) Cost of registration should be Sr.No. 1K-2-IX, Sr.No. 1 to V-VIII and Sr.No. 6 to 18-VII & above. (4) The tenders will be accepted in two envelopes, enclosed in a third sealed envelope at Karkhana Office. (5) The contractor should apply in writing giving details of his registration, past experience & Income Tax Clearance certificate. (6) Conditional tenders will not be accepted in any case. (7) Karkhana reserves the right to reject any or all tenders without assigning any reason. (8) Sealed tenders opening date will be communicated separately.

Managing Director

Vice Chairman

Chairman





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

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

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

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

दिनी/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 अंटी व शर्ती खालीलप्रमाणे राहतील

१) कामाची मुदत १ महिना राहील.

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 राहील कारखान्याची कोणतीही जबाबदारी राहणार नाही.

४) कामाच्या बिलाच्या एकूण ५% रक्कम रेब्युलर सिक्युरिटी डिपॉऱ्झीट म्हणून कपात करण्यात येईल.

सदर सिक्युरिटी डिपॉऱ्झीट रक्कम १२ महिन्यांचा डिफेक्ट लायबिलीटी पिरीयड 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% अँडीशनल परफॉर्मन्स सिक्युरिटी डिपॉऱ्झीट रु. १२,५००/- रक्कमेचा भरणा करावा.

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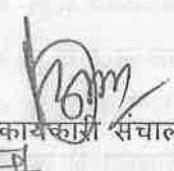
(REGD. NO.:P.N.A/A.G.N/P.R./G.(A) S-47/1994 DT.31/3/1994) **GSTIN** : 27AAAAB0949G1ZZ

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

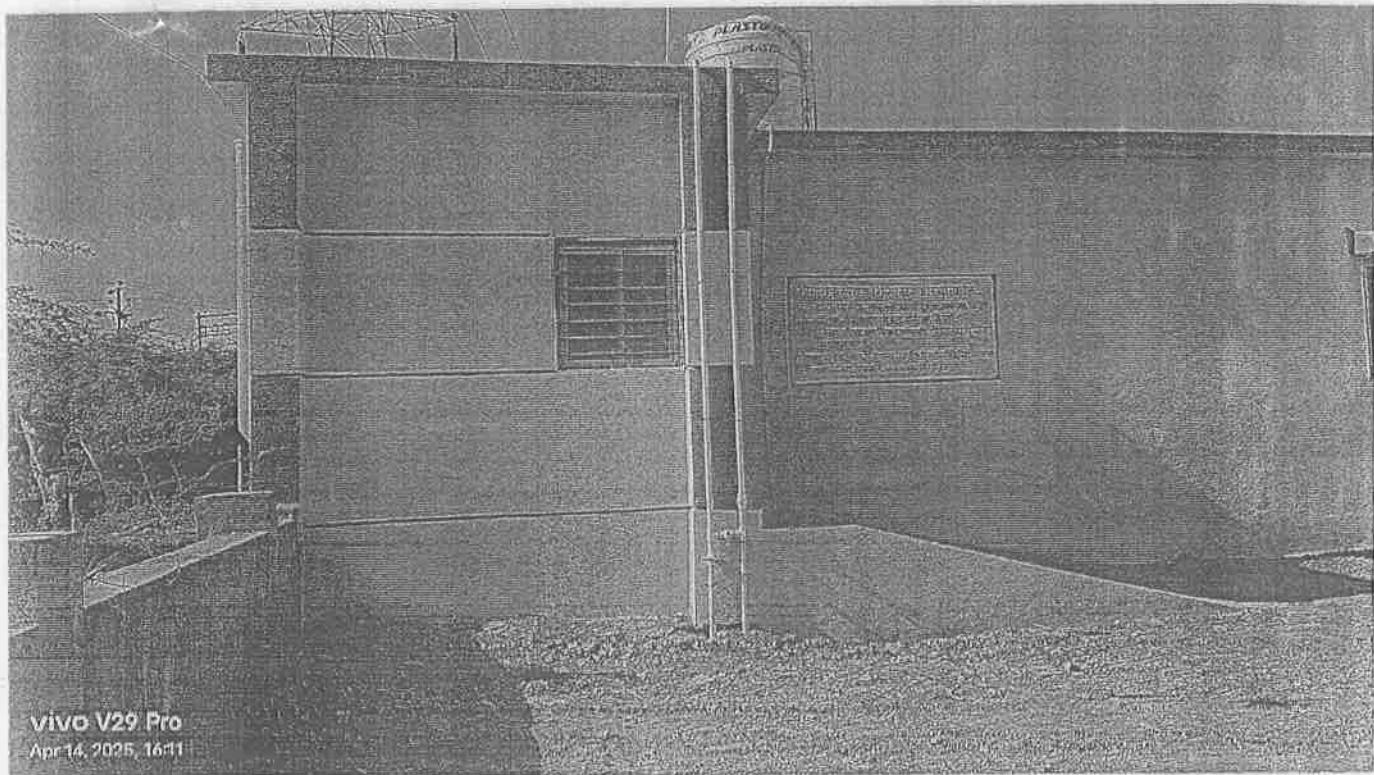
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- ७) कामासाठी लागणारे आवश्यक मटेरियल कारखाना स्टोअर्समध्ये उपलब्ध असल्यास कारखाना दराने देण्यात येईल व त्याची वसुली बिलातून करण्यात येईल.
- ८) कामाचे कालावधीत आपण लेखी स्वरूपात मागणी केल्यास कामाच्या आवश्यकतेनुसार डिझेल पंपावरून कारखान्याने ठरविलेल्या दराप्रमाणे उधारीने डिझेल देण्यात येईल व डिझेलची होणारी रक्कम बिलातून वसुल 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, हॅंड ग्लोज इ. वापरणे आपणास बंधनकारक आहे.
- ११) आपलेकडे काम करणाऱ्या सर्व मजुरांचा एम्प्लॉयमेंट कॉम्पेन्सेशन अँकटनुसार विमा घ्यावा लागेल व विमाकागदपत्रे सादर केल्यानंतरच काम सुरु करणेस परवानगी दिली जाईल.
- १२) करारनामा करणेसाठी रु.५००/- चा स्टॅप ऐपर त्वरीत सादर करावा.

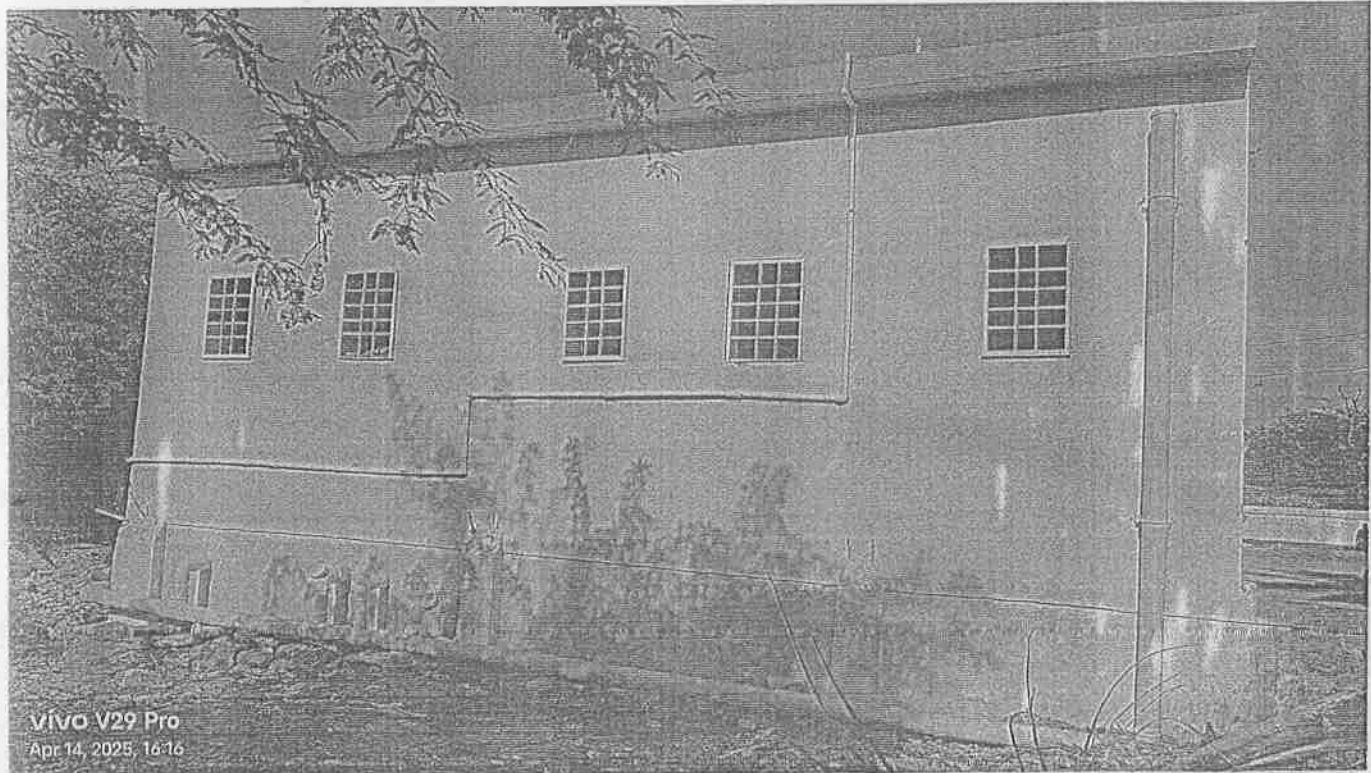
तरी आपण सिव्हील विभागाशी संपर्क साधून त्वरीत कामास सुरुवात करावी.

  
प्र. कायरुरा सचालक  
21/1

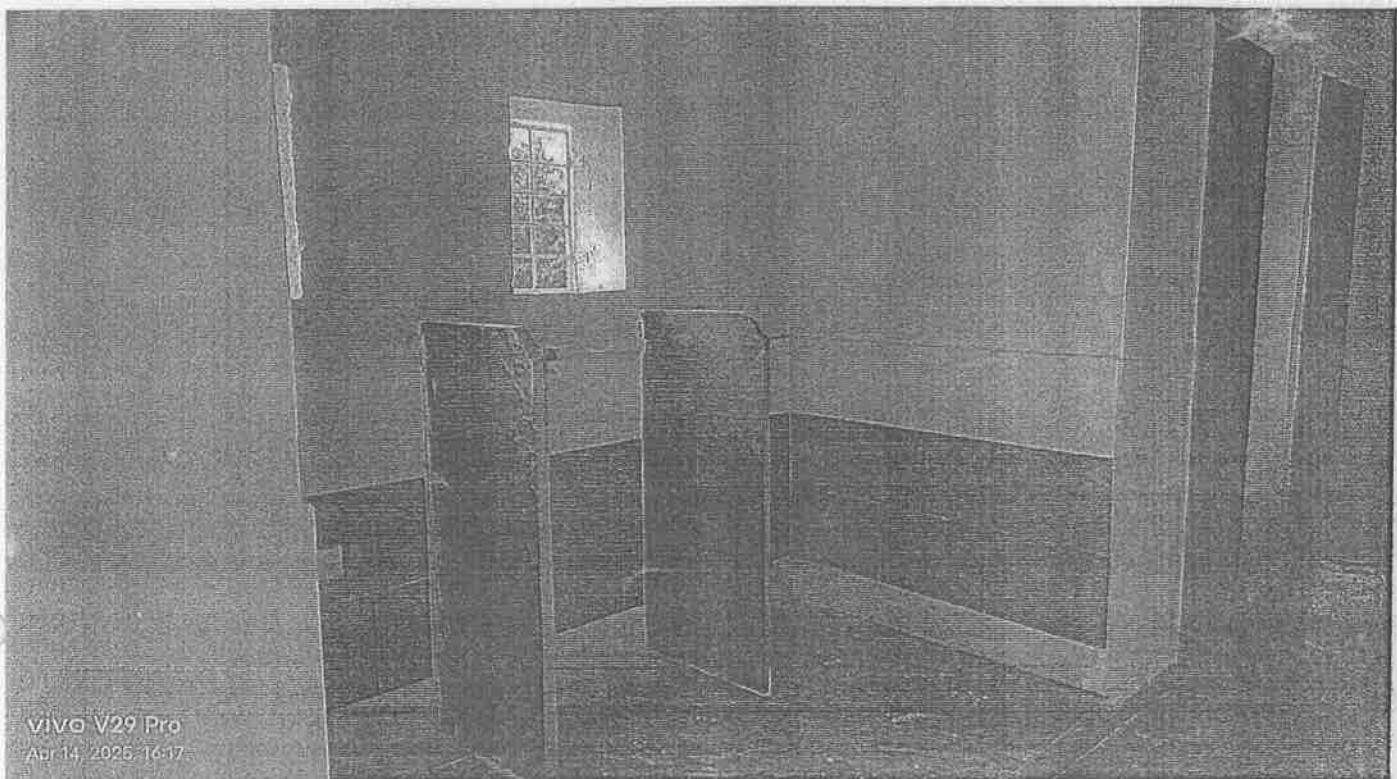
प्रत:- अकॉंट / सिव्हील / मास्टर



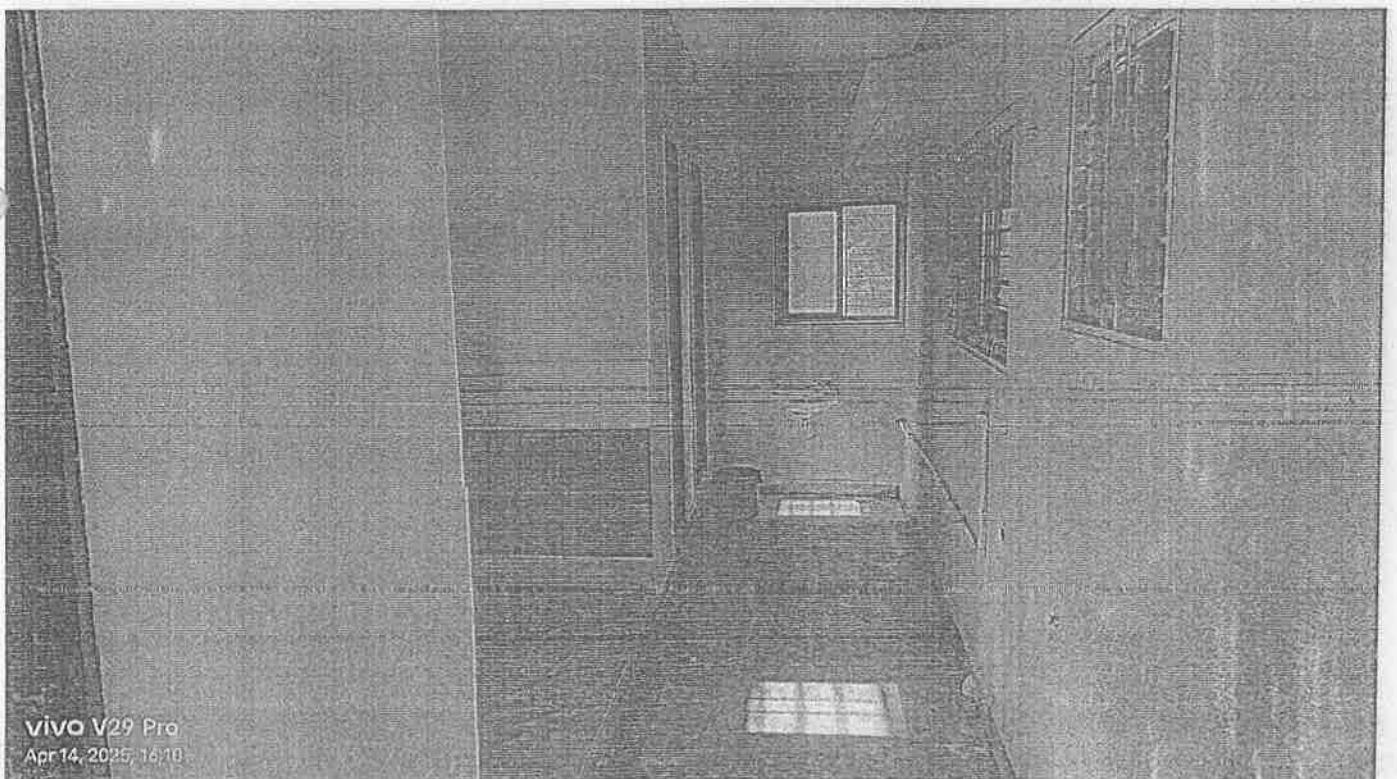
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Apr 14, 2025, 16:17



VIVO V29 Pro  
Apr 14, 2025, 16:10

**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

RA BILL NO: 1st and Final RA BILL

ABSTRACT SHEET			ESTIMATED COST-500000.00							
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 meters beyond the building area and	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 balling 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 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 in charge 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/ dador/ 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 confirming 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	16.43	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 / Cat 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 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
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
						<b>Total Amount</b>		0.00	529851.52	529851.52
						<b>Limited to say Total Amount</b>		0.00	500000.00	500000.00
						<b>As Per Agreement (- 11.50%)</b>		0.0	57500.0	57500.0
						<b>Total Amount</b>		0.00	442500.00	442500.00
						<b>Add 18% GST</b>		0.00	79650.00	79650.00
						<b>Total Amount</b>		0.00	522150.00	522150.00
						<b>By Rounding Amount</b>		0.00	522150.00	522150.00

*Burly*  
CONTRACTOR

CIVIL ENGINEER



(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

दिनांक/०७/२०२४

वर्कऑर्डर

प्रति,

मे.गुरुदया एंटरप्रायजेस  
मु.पो.खडकवाडी  
ता.आंबेगाव, जि.पुणे

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

महोदय,

वरील विषयास अनुसरून, कारखान्यामार्फत मौजे पॉदेवाडी 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. ८,६९,००८/- पेक्षा १८.१०% कमी दराने मंजूर करण्यात आले आहे कामाच्या अटी व शर्ती खालीलप्रमाणे राहील

- १) कामाची मुदत १ महिना राहील.
- 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 राहील कारखान्याची कोणतीही जबाबदारी राहणार नाही.

४) कामाच्या बिलाच्या एकूण ५% रक्कम रेग्युलर सिक्युरिटी डिपॉऱ्झीट म्हणून कपात करण्यात येईल. सदर सिक्युरिटी डिपॉऱ्झीट रक्कम १२ महिन्यांचा डिफेक्ट लायबिलीटी 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  $(3.10 \times 2) = 6.20\%$  असे एकूण  $1+5+6.20 = 12.20\%$  अंडीशनल परफॉर्मन्स सिक्युरिटी डिपॉऱ्झीट 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

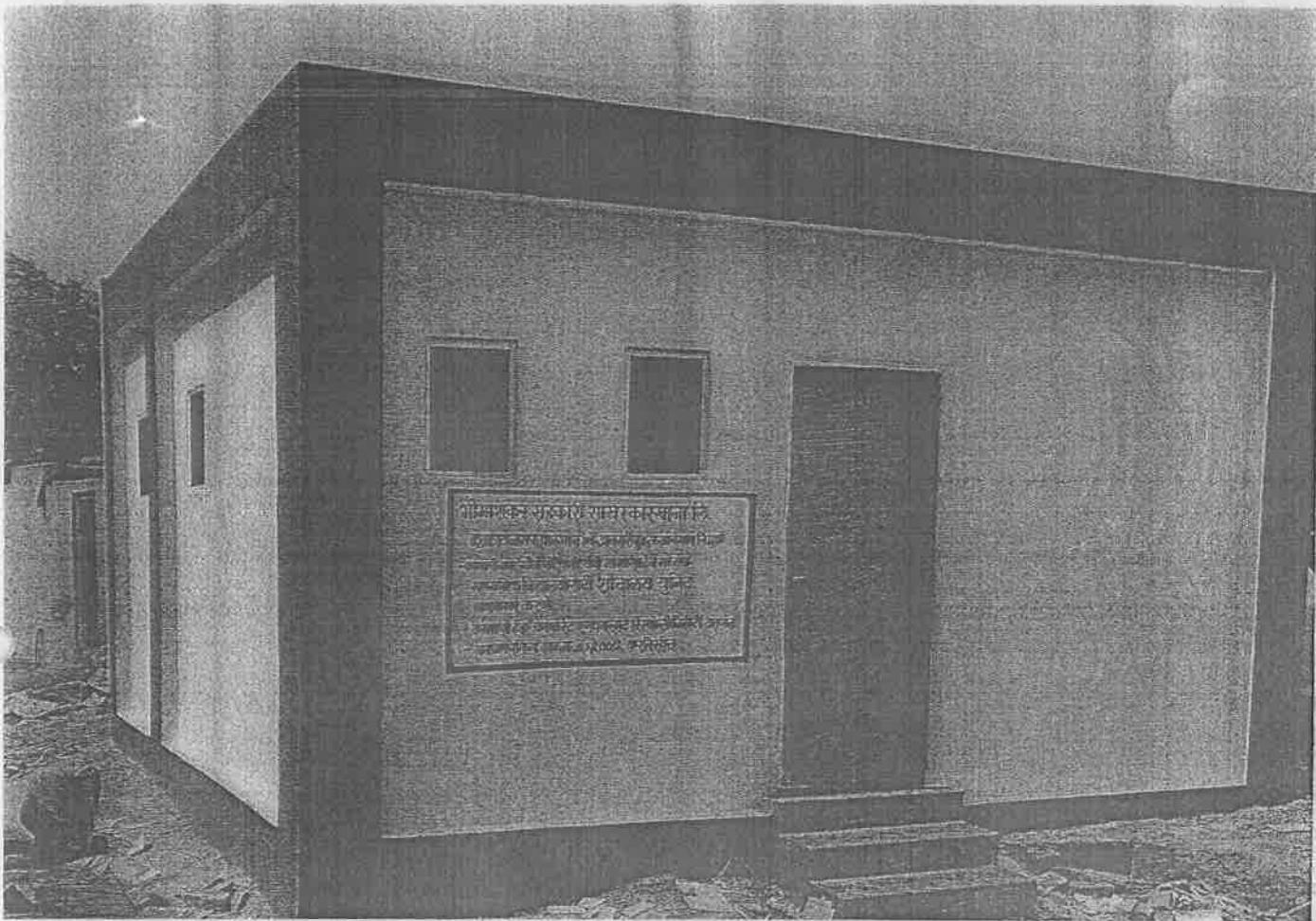
Dattatraynagar, Pargaon Via Awasari (Bk.) Tal : Ambegaon, Dist : Pune. 412 406

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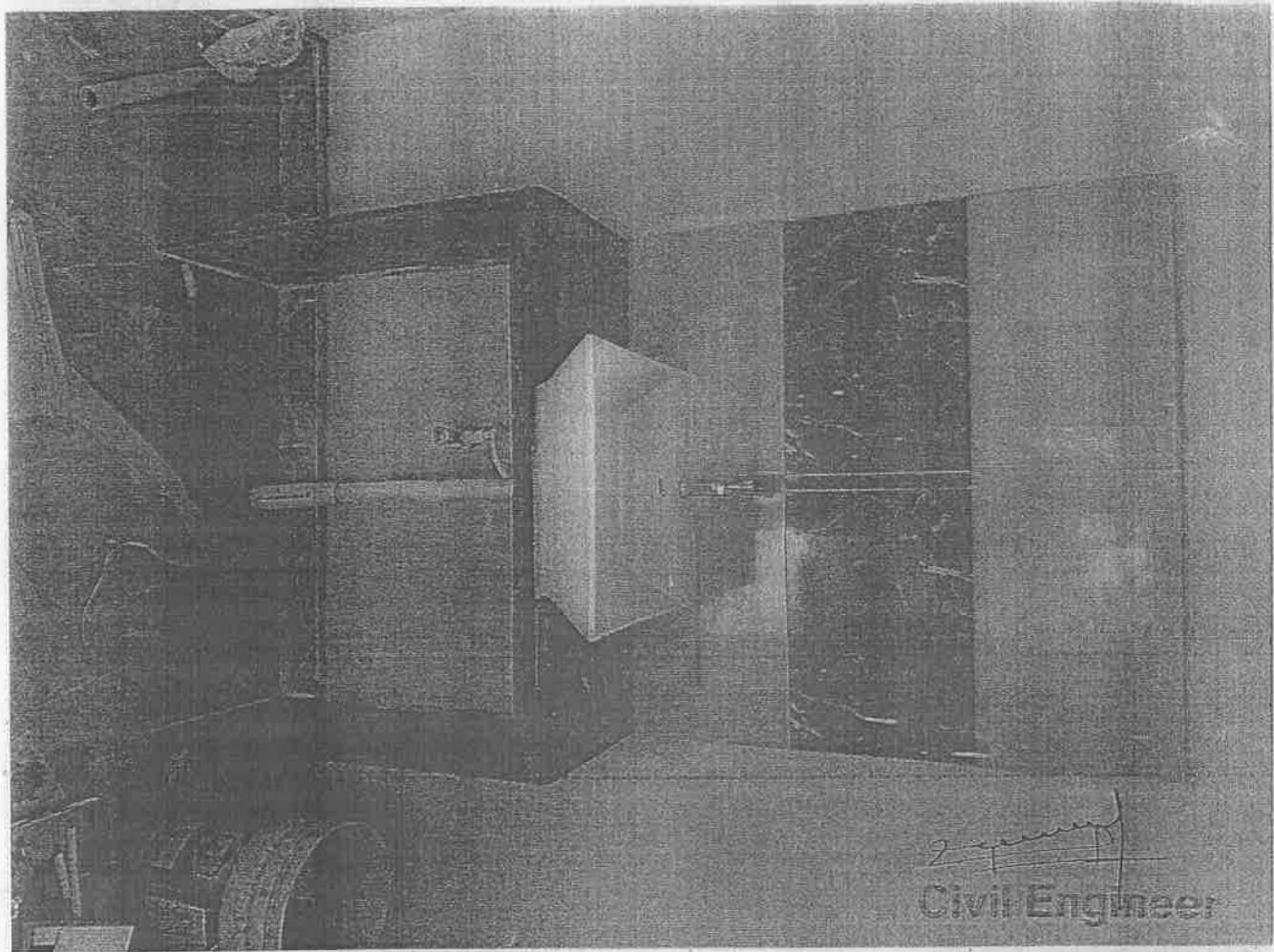
- ७) कामासाठी लागणारे आवश्यक मटेरियल कारखाना स्टोअर्समध्ये उपलब्ध असल्यास कारखाना दराने देण्यात येईल व त्याची वसुली बिलातून करण्यात येईल.
- ८) कामाचे कालावधीत आपण लेखी स्वरूपात मागणी केल्यास कामाच्या आवश्यकतेनुसार डिझेल पंपावरून कारखान्याने ठरविलेल्या दराप्रमाणे उधारीने डिझेल देण्यात येईल व डिझेलची होणारी रक्कम बिलातून वसुल 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 कॉम्पैन्सेशन अँकटनुसार 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. कायकारी संचालक

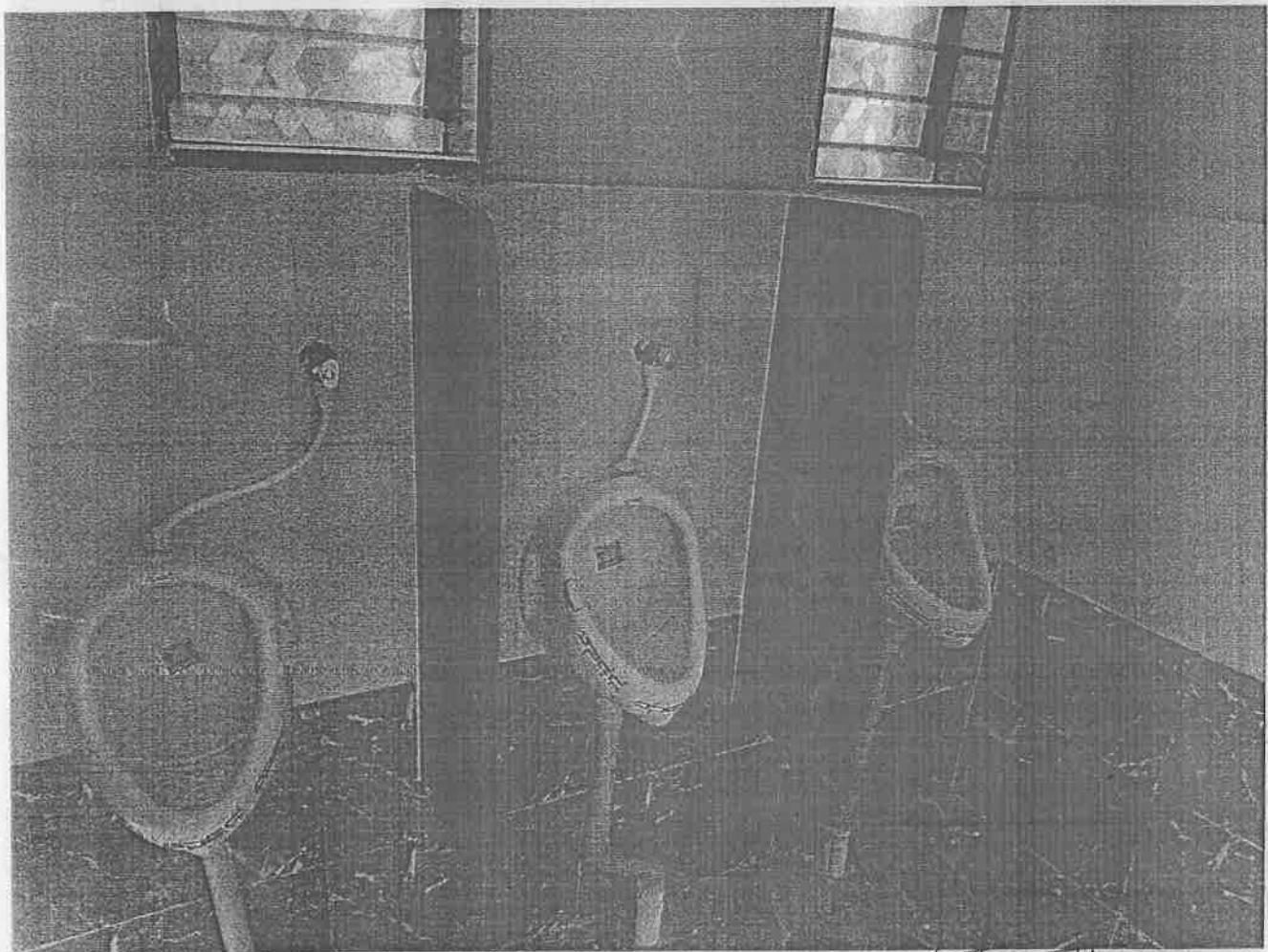
प्रत:- अकॉंट / सिव्हील / मास्टर



  
Civil Engineer



*Civil Engineer*



**Bhimashankar Sahakari Sakhar Karkhana Ltd**

Dattatrayanagar, Pargao, Via Awasan Bk, Tal-Ambegaon, Dist-Pune

Name of Work : Construction of Toilet block unit for Mamasahab Mohol Vidyalaya At- Pendewadi 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 balling 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 / 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 compaction etc. complete. (INo21-35	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 14856 (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 acryllic 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%)	0.0	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. POKHARIALE  
प्रोप्रायटर

checked by me

64

# 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

## MEASURMENT 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 Mamasheb 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								
MEASURMENT 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

MEASURMENT 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/numbing, compaction finishing the	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
	SLAB						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	63.000	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
	STRIRRUPS	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
	STRIRRUPS	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
	STRIRRUPS	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
				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
	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

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

MEASURMENT 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
						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

RA BILL NO: 1st and Final RA BILL

MEASURMENT 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 leak 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								
MEASURMENT 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
							TOTAL QTY	9.450
							PRE.BILL QTY	0.00
							UP TO DATE QTY	9.450
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
	LW						0.000	SQMT
							TOTAL QTY	2.090
							PRE.BILL QTY	0.00
							UP TO DATE QTY	2.090
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
							TOTAL QTY	119.910
							PRE.BILL QTY	0.00
							UP TO DATE QTY	119.910
21	ITEM NO. : 21 Providing and applying two coats of exterior acrylic emulsion paint confirming to corresponding I.S. of approved manufacture and of <del>nearest colour to the plant and surface in situ</del>							
	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
							PRE.BILL QTY	0.00
							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

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

MEASURMENT 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 polythyler 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							

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

MEASURMENT SHEET

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 , DIN 1075) (TATE 000)							
	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

गुरु-दया एंटरप्रायझेस

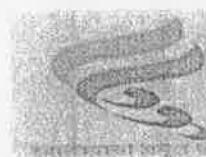
S. G. POKHARKAR  
प्रोप्रायटर

EXPERIMENT 105-515

105-515



महाराष्ट्र शासन  
जिल्हा नियोजन समिती  
जिल्हाधिकारी कार्यालय, पुणे



दूरध्वनी क्र.: 020-26121012

ई-मेल: dpopune85@gmail.com

जा.क्र.निनिसपुनि-४/CRE/२०२५/E-965426

दि. ०३/०३/२०२५

आदेश

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

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

दि. ०१/०९/२०२४

२. भीमाशंकर संहकारी 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 संदरील कामांना मंजुरी मिळाली आहे.

उपरोक्त संदर्भ क्र.१ अन्वये भैरवनाथ माध्यमिक आणि उच्च माध्यमिक विद्यालय, लोणी हया शाळेस स्वच्छतागृह देणे या रु.८,६१,००८ लक्ष किमतीच्या कामास मंजुरी मिळालेली आहे.

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

पर्यावरण, बन 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 येत आहे.

अ.क्र.	पूर्वी प्रस्तावित करण्यात आलेले काम	रक्कम रु.	सुधारीत प्रस्तावित करण्यात आलेले काम	रक्कम रु.
१	भैरवनाथ माध्यमिक आणि उच्च माध्यमिक विद्यालय, लोणी हया शाळेस स्वच्छतागृह देणे	८,६१,००८	भैरवनाथ माध्यमिक आणि उच्च माध्यमिक विद्यालय, लोणी येथील मुलांना बसण्याकरीता बँधेस देणे	८,६१,००८

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

Signed by

Jitendra Dudi

Date: 03-03-2025 21:49:40  
जिल्हाधिकारी, पुणे

प्रति :- उपसंचालक, माध्यमिक शिक्षण विभाग, पुणे

प्रता:- १. मे.सुलभ इंटरनेशनल ऑर्गनायझेशन मुंबई

२. कार्यालयी संचालक, भीमाशंकर संहकारी साखर कारखाना लि.नानवयनगर, परगांव तक्क अवसरी बु.ता.आंबेगाव, जि.पुणे



# 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 GURUMAULI 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/49012025-26  
 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" SURE 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" SURE 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" SURE PIPE, FRANT IN 18G PERFORATED SHEET WITH BLACK POWDER COATING.	100.00	numbers	3700.00	18%	370000.00
						Total Amount	
CGST						861,200.00	
CGST						77508.00	
9.000 %							
SGST						77508.00	
SGST							
9.000 %							

# BHIMASHANKAR

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

### PURCHASE ORDER

Req No :-

199/

To, M/S GURUMAULI 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	Vendor Code: 4364  BSSK/PO/ Purchase Order. No: 29  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	Date: - Date: - 26/05/2025
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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  
SAKHA 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.



(RECD. 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 / १५०३ / २०२४-२५

दिनी/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 मजूर करण्यात आले आहे कामाच्या अटी व शर्ती खालीलप्रमाणे राहील

- १) कामाची मुदत १ महिना राहील.
- २) कामासाठी लागणारे सर्व साहित्य व मजूर आपण स्वतः आणावयाचे आहेत.
- ३) काग चालू असताना कारखाना मालमत्तोचे बुक्सान झाल्यास त्याची भरपाई आपणाकडून करण्यात येईल. मजुरांचा अपघात झाल्यास त्याची सर्वस्वी जबाबदारी आपली राहील 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 पिरीयड 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% करीता  $(3.60 \times 2) = 7.20\%$  असे एकूण  $1+५+७.20 = १३.२०\%$  ॲडीशनल परफॉर्मन्स सिक्युरिटी डिपॉझीट रु. १,१३,६५३/- रक्कमेचा भरणा करावा. ॲडीशनल परफॉर्मन्स सिक्युरिटी डिपॉझीट रक्कम भरणा केल्यानंतरच काम सुरु करण्यास परवानगी देण्यात येईल. सदरची रक्कम काम पूर्ण झाल्यानंतर कामाच्या अंतिम बिलासोबत अदा करण्यात येईल.
- ६) वैंद्र व सज्ज शासनाच्या कार विषयक धोरणानुसार वरील कागारा लागू अरालेला 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

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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 वसुल 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, हॅंड ग्लोज इ. वापरणे आपणास बंधनकारक आहे.
- ११) आपलेकडे काम करणाऱ्या सर्व मजुरांचा एम्प्लॉयमेंट कॉम्पैन्सेशन अंकटनुसार विमा ध्यावा तागेल व विमाकागदपत्रे सादर केल्यानंतरच काम सुर 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. वासनाराव सचालक  
2/1

प्रत:- अकॉंट / सिव्हील / मास्टर



(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 / सिंधील / १५०५ / २०२४-२५

वर्कऑर्डर

दि.२५/०७/२०२४

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 राहील.
- 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 राहील कारखान्याची कोणतीही जबाबदारी राहणार नाही.
- ४) कामाच्या बिलाच्या एकूण ५% रक्कम रेग्युलर सिक्युरिटी डिपॉऱ्हीट म्हणून कपात करण्यात येईल. सदर सिक्युरिटी डिपॉऱ्हीट रक्कम १२ महिन्यांचा डिफेक्ट लायबिलीटी पिरीयड 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% अँडीशनल परफॉर्मन्स सिक्युरिटी डिपॉऱ्हीट रु. ९९,८७७/- रक्कमेचा भरणा करावा. अँडीशनल परफॉर्मन्स सिक्युरिटी डिपॉऱ्हीट 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 वसुल 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. सेफटी बेल्ट, हेल्मेट, हँड ग्लोज इ. वापरणे आपणास बंधनकारक आहे.
- ११) आपलेकडे काम करणाऱ्या सर्व मजुरांचा एम्प्लॉयमेंट कॉम्पैन्सेशन 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 मंचालक

प्रत:- अकॉंट / सिव्हील / मास्टर



(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 / १५०८ / २०२४-२५

टिक्टॉक/०७/२०२४

वर्कआर्डर

प्रति,

श्री सुमित दत्तात्रेय भोर,  
मु.पो.रांजणी  
ता.आंबेगाव, जि.पुणे

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

महोदय,

वरील विषयास अनुसरून, कारखान्यामार्फत नरसिंह विद्यालय रांजणी भाग शाळा वळती येथे  
शौचालय युनिटचे बांधकाम करण्येच्या 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 राहील

- १) कामाची मुदत १ महिना राहील.
- २) कामासाठी लागणारे सर्व साहित्य व मंजूर आपण स्वतः आणावयाचे आहेत.
- ३) काम चालू असताना कारखाना मालमत्तेचे नुकसान झाल्यास त्याची भरपाई आपणाकडून करण्यात येईल.  
मंजुरांचा अपघात झाल्यास त्याची सर्वस्वी जबाबदारी आपली राहील कारखान्याची कोणतीही जबाबदारी  
राहणार नाही.

- ४) कामाच्या बिलाच्या एकूण ५% रक्कम रेण्युलर सिक्युरिटी डिपॉझीट म्हणून कपात करण्यात येईल.  
सदर सिक्युरिटी डिपॉझीट रक्कम १२ महिन्यांचा डिफेक्ट लायबिलीटी पिरीयड 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% अंडीशनल परफॉर्मन्स सिक्युरिटी  
डिपॉझीट रु. १,२२,२६३/- रक्कमेचा भरणा करावा. अंडीशनल 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 त 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.

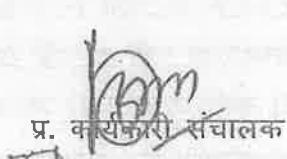


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- ७) कामासाठी लागणारे आवश्यक मटेरियल कारखाना स्टोअर्समध्ये उपलब्ध असल्यास कारखाना दराने देण्यात येईल व त्याची वसुली बिलातून करण्यात येईल.
- ८) कामाचे कालावधीत आपण लेखी स्वरूपात मागणी केल्यास कामाच्या आवश्यकतेनुसार डिझेल पंपावरून कारखान्याने ठरविलेल्या दराप्रमाणे उधारीने डिझेल देण्यात येईल व डिझेलची होणारी रक्कम बिलातून वसुल केली जाईल.
- ९) कांमासाठी लागणारे पाणी व लोईटची सोय आपण स्वतः करावयाची आहे.
- १०) आपलेकडे काम करणाऱ्या सर्व कामगारांच्या सुरक्षिततेच्या दृष्टीने आवश्यक असणारी साधने उदा. सेफ्टी बेल्ट, हेल्मेट, हॅंड ग्लोज इ. वापरणे आपणास बंधनकारक आहे.
- ११) आपलेकडे काम करणाऱ्या सर्व मजुरांचा एम्प्लॉयमेंट कॉम्पोनेशन ॲक्टनुसार विगा 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. काशीकर संचालक

प्रत:- अकॉंट / सिव्हील / मास्टर



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दिन/०७/२०२४

वर्कआँडर

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 राहील.
- 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 राहील कारखान्याची कोणतीही जबाबदारी राहणार नाही.
- ४) कामाच्या बिलाच्या एकूण ५% रक्कम रेग्युलर सिक्युरिटी डिपॉँझीट म्हणून कपात करण्यात येईल. सदर सिक्युरिटी डिपॉँझीट रक्कम १२ महिन्यांचा डिफेक्ट लायबिलीटी पिरीयड संपल्यानंतर अदा केली जाईल.
- ५) सदर निविदा एस्टिमेट रक्कमेच्या उणे १०% पेक्षा जास्त (उणे १५.१०%) असल्याने १०% कमी दरापर्यंत १% व १५.% कमी दरापर्यंत १५.००% -१०% =५.००% तसेच (१५.१०%-१५%) = ०.१०% करीता (०.१० x २)= ०.२०% असे एकूण १+५+०.२०= ६.२०% अँडीशनल परफॉर्मन्स सिक्युरिटी डिपॉँझीट रु. ५३,३८३/- रक्कमेचा भरणा करावा. अँडीशनल परफॉर्मन्स सिक्युरिटी डिपॉँझीट 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.

१५०८/२५



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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 वसुल 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. सेफटी बेल्ट, हेल्मेट, हॅंड ग्लोज इ. वापरणे आपणास बंधनकारक आहे.
- ११) आपलेकडे काम करणाऱ्या सर्व मजुरांचा एम्प्लॉयमेंट कॉम्पेन्सेशन अँकटनुसार विमा घ्यावा लागेल व विमाकागदपत्रे सादर केल्यानंतरच काम सुरु करणेस परवानगी दिली जाईल.
- १२) करारनामा करणेसाठी रु.५००/- चा स्टॅप पैपर त्वरीत सादर करावा.

तरी आपण सिव्हील विभागाशी संपर्क साधून त्वरीत कामास सुरुवात करावी.

  
प्र. कायबरी संचालक

प्रत:- अकॉंट / सिव्हील / मास्टर



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दिनांक/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 भा. 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 राहील

- १) कामाची मुदत १ महिना राहील.
- 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 राहील कारखान्याची कोणतीही जबाबदारी राहणार नाही.
- ४) कामाच्या बिलाच्या एकूण ५% रक्कम रेग्युलर सिक्युरिटी डिपॉऱ्झीट म्हणून कपात करण्यात येईल. सदर सिक्युरिटी डिपॉऱ्झीट रक्कम १२ महिन्यांचा डिफेक्ट लायबिलीटी पिरीयड संपल्यानंतर अदा केली जाईल.
- ५) सदर निविदा एस्टिमेट रक्कमेच्या उणे १०% पेक्षा कमी (उणे ५.५०%) असल्याने १०% कमी दरापर्यंत १% असे एकूण १% अँडीशनल परफॉर्मन्स सिक्युरिटी डिपॉऱ्झीट रु. १०,०००/- रक्कमेचा भरणा करावा. अँडीशनल परफॉर्मन्स सिक्युरिटी डिपॉऱ्झीट 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.

*Bugle*  
30/07/2024

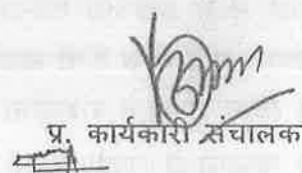


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Dattatraynagar, Pargaon Vla Awasari (Bk.) Tal : Ambegaon, Dist : Pune. 412 406

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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 केल्यारा कागाच्या आवश्यकतेनुसार डिझेन पंपावरून कारखान्याने ठरविलेल्या दराप्रमाणे उधारीने डिझेन देण्यात येईल व डिझेनची होणारी रक्कम बिलातून वसुल केली जाईल.
- ९) कामासाठी लागणारे पाणी व लाईटचीं सोय आपण स्वतः करावयाची आहे आहे.
- १०) आपलेकडे काम करणाऱ्या सर्व कामगारांच्या सुरक्षिततेच्या दृष्टीने आवश्यक असणारी साधने उदा. सेफ्टी बेल्ट, हेल्मेट, हॅंड ग्लोज इ. वापरणे आपणास बंधनकारक आहे.
- ११) आपलेकडे काम करणाऱ्या सर्व. मजुरांचा एम्प्लॉयमेंट कॉम्पेन्सेशन अँकटनुसार 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:- अकॉंट / सिव्हील / मास्टर



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/ १६६८/२०१९ - २०

मंचर ४१०५०३ दिनांक - ०२/१२/२०१९

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

वरील विषयी वनपालं धामणी व वनरक्षक लाखनगाव यांनी श्रीमाशंकर 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 एम.महाजन)

वनपरिक्षेत्र अधिकारी

मंचर.



जाक्र/ताकृआ/ विस्तार/३६९५/२०१९  
तालुका कृषि अधिकारी ,आंबेगाव  
(घोडेगाव ) दि. २ /१२ /२०१९

प्रति ,

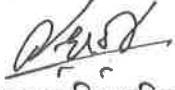
मा.कार्यकारी संचालक ,  
भिमाशंकर सहकारी साखर कारखाना ,  
पारगाव त.अवसरी बु .

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 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 असलेल्ले  
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	चिक्कु	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	पेरु	२९	०	०	२९	६ X ६	३६	०.१०
९	जांभुळ	२८	०	२५	५३	६ X ६	३६	०.१९
१०	चिंच	७	४०	६५०	६१७	८ X ८	६४	४.४६
११	डाळिंब	५	०	०	५	४ X ४	१६	०.०९
१२	कौट	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	०.५७
१५	रेनट्री	१६	११०	०	१२६	८ X ८	६४	०.८१
१६	बॉटल पाण	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	१०५	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	१०	१२३	८ X ८	६४	०.७९
२९	बॉटल ब्रश	१९	०	०	१९	४ X ४	१६	०.०३
३०	कड्डूलिंब	२००	०	१५	२१५	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	११	०	०	११	४ X ४	१६	०.१६
३४	स्पॅथोडिया	६	०	०	६	८ X ८	६४	०.०४
३५	कांचन (आपटा)	३१	०	१००	१३१	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	१४	०	०	१४	५ X ५	२५	०.०४
४१	रुबाभळ	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	बांभुळ	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 एकूण	प्रति वृक्ष (मी. X मी.)	वृक्ष लागवड क्षेत्र (हे.आर.)
		२०१७-१८ (पुर्वीची)	२०१८-१९	२०१९-२०	.आज अखेर			
४९	पपई	८	०	०	८	3 X 3	१	०.०९
५०	बेल	३	०	०	३	6 X 6	३६	०.०९
५१	शेवरी	१२	०	०	१२	4 X 4	१६	०.०२
५२	देवदार	२७	०	०	२७	8 X 8	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	2 X 2	४	०.०९
५८	सायर	५	०	०	५			
५९	करवंद	२	०	०	२			
६०	हिरडा	०	०	२५	२५	5 X 5	२५	०.०६
	एकूण	२१६३	५७०	११९५	३१२८			११.१४
	दुशेस							
६१	जास्वंद	२८	०	०	२८	2 X 2	४	०.०९
६२	तगर पांढरा	७१	०	०	७१	2 X 2	४	०.०३
६३	बोगन वेल	४०२	०	०	४०२	2 X 2	४	०.१६
६४	मोरपंखी	१३	०	०	१३	2 X 2	४	०.०९
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	2 X 1.5	३	०.०३
६९	लिली	४३	०	०	४३	2 X 1.5	३	०.०९
७०	क्रोटॉन	५०	०	०	५०	2 X 1.5	३	०.०२
७१	गोल्डन डोरांटा	५३८	०	०	५३८	1.5 X 1.5	०	०.००
७२	लॅन्टीना व्हेरीगेटेड	८५	०	०	८५	1.5 X 1.5	२.२५	०.०२
७३	क्रिपरवडेलिया	१००	०	०	१००			
७४	हिमेलिया	६३	०	०	६३	1.5 X 1.5	२.२५	०.०९
७५	मोगरा	१२	०	०	१२	1 X 1	१	०.००
७६	आबोली	३	०	०	३			
७७	कॅलेंडरा	२१२	०	०	२१२	1 X 1	१	०.०२
७८	ऑकलीफा	२३०	०	०	२३०	1 X 1	१	०.०२
७९	डबल तुगर	५८	०	०	५८	1 X 1	१	०.०१
८०	ऑलमेंडा	४९	०	०	४९	1 X 1	१	०.००
८१	साबर कांडी	३०	०	०	३०	1 X 1	१	०.००
८२	रेवीन ग्रास	७५	०	०	७५	1 X 1	१	०.०१
८३	मंकी ग्रास	२५	०	०	२५			
८४	केना	५०	०	०	५०			
८५	एक्यालिफा	३५०	०	०	३५०	1 X 1	१	०.०४
	एकूण	२०५३	०	०	२०५३			०.१९
	एकूण एकंदर	४७३७	५७०	११९५	६५०२			११.५३

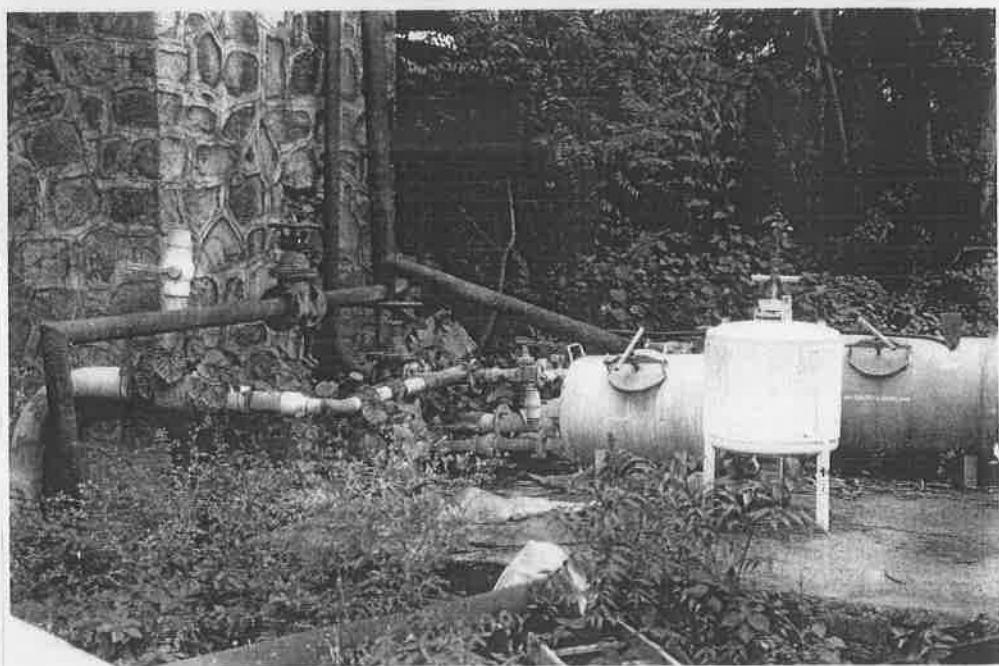
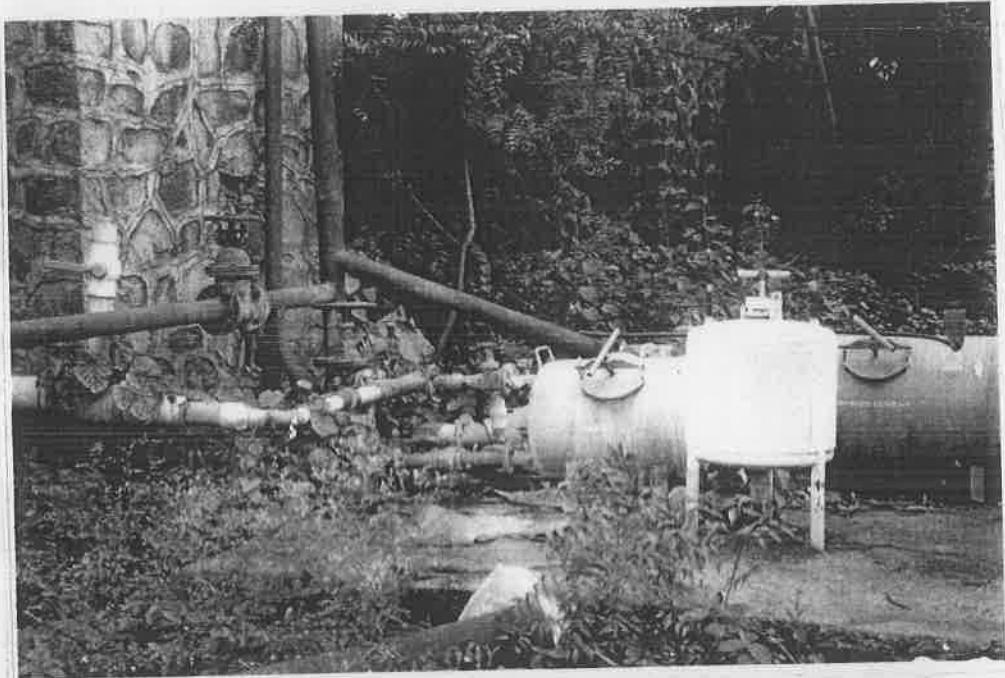
*Mulcode*  
मुलस विकास अधिकारी

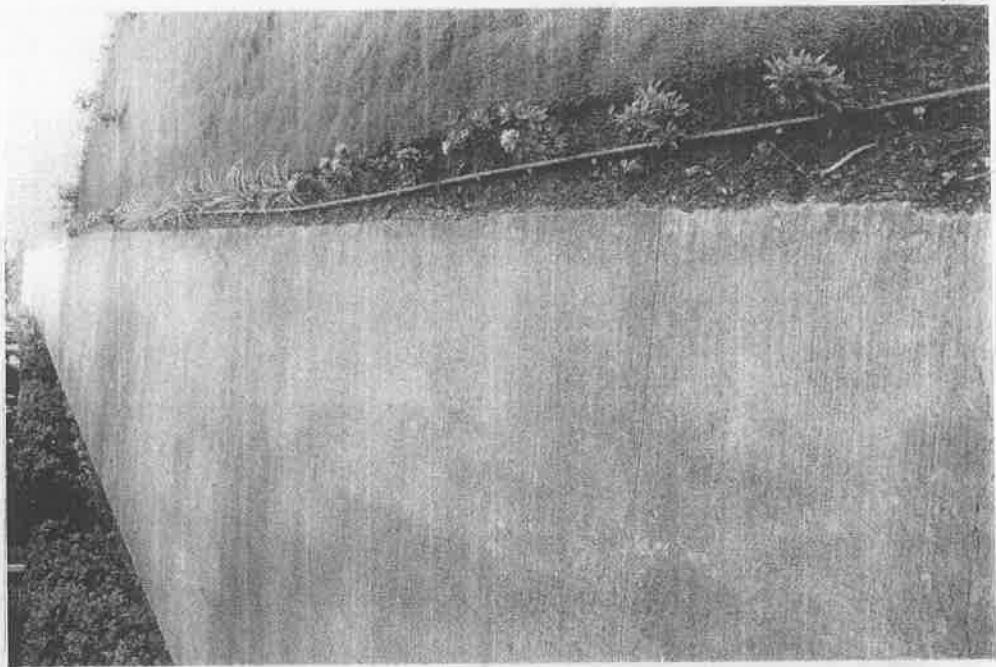
*27/11*  
मुख्य शैतकी अधिकारी

*27/11*  
कार्यकारी संचालक

*Dev*  
प्रात्यक्ष कृषि अधिकारी  
आंबेगाव (घोडेगाव), जि. पुणे

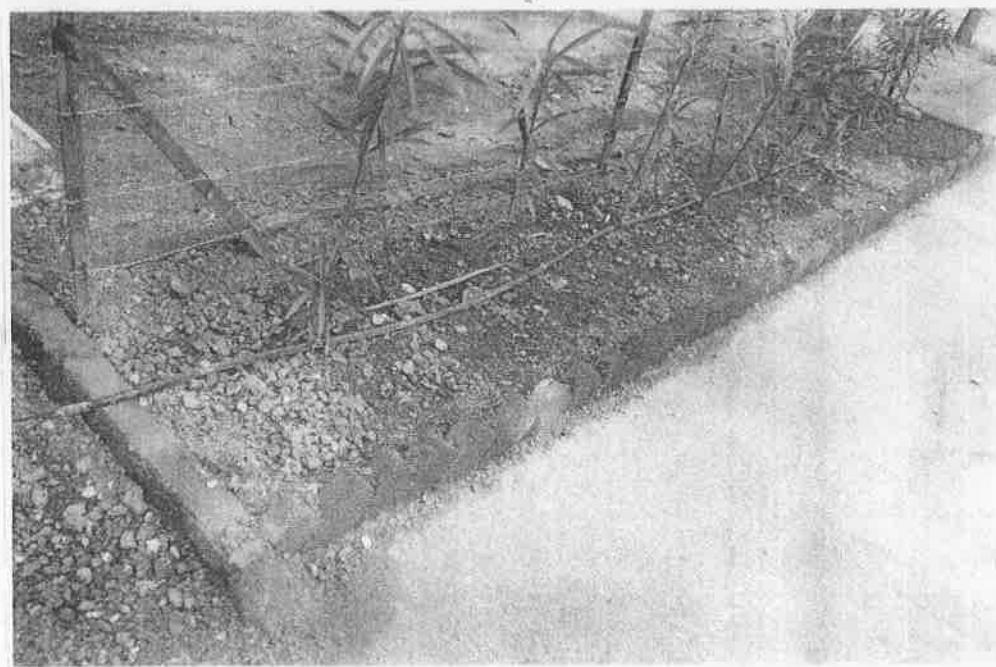
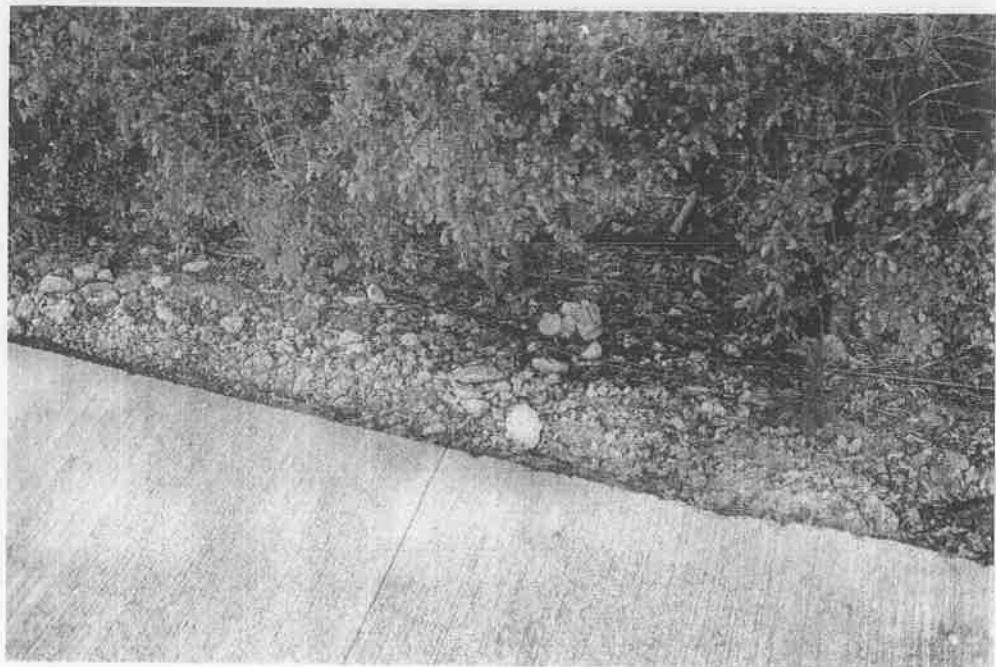
## Plantation & Drip Irrigation Photographs

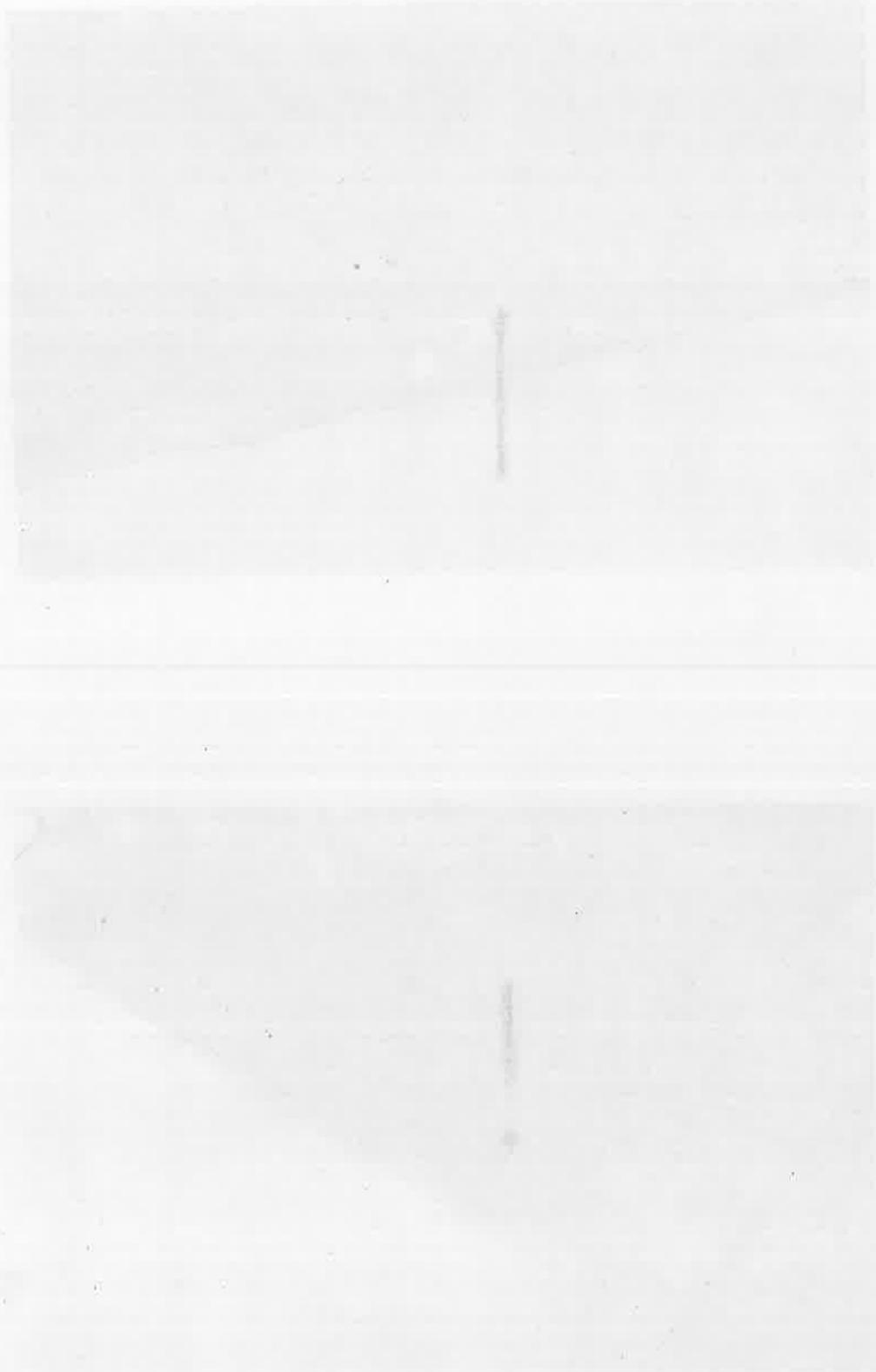




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17





21378 96

IV

Area Statement of Bhimashankar

Sr. No.	Details	Area in Sq. M.	Avg Rainfall	Runoff Coeff	Total Water Collected	
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 to 107)	512	849.32	0.8	347.881472	512
8	Laboure Qurter (114 to 118)	1966.28	849.32	0.8	1336.00074	1966.28
9	Laboure Qurter (114 to 118)	1295.4	849.32	0.8	880.167302	1295.4
10	Banglow Quarter (102 to 104)	621	849.32	0.8	421.942176	621
	<b>Effective Catchment Area</b>	<b>35869.18</b>	<b>849.32</b>	<b>0.8</b>	<b>24371.5296</b>	

198

# **RAIN WATER HARVESTING**

## **FEASIBILITY REPORT**

**FOR**

**Project**

**BHIMASHANKAR SUGAR**

**FACTORY**

**At**

**DATTATRAY NAGAR, PARGAON, PUNE**

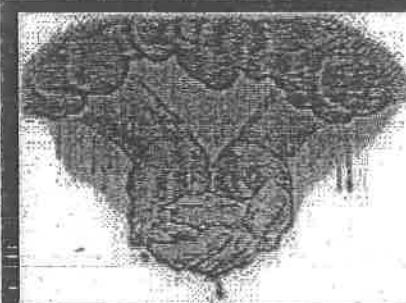
**By**

**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)

### 3. E. INFALL 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	652.4	1239.5	1246	779.44	689.29	909.7	1169	979.9	492.7	849.32
Haveli	452.2	890.6	1250.36	1247.5	859.04	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	3263	2409	1405	2043	2695.1	2070.4	2667.7
Junnar	548.2	771.8	1344.4	1237	880	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	830.9	735	732.3	823.4	836	616.6	509.44
Shirur	266	374	460	760	574	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	596.1	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	

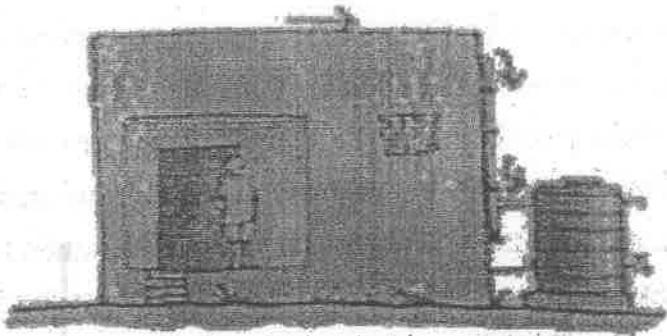
#### 4. METHODS OF RAIN WATER HARVESTING –

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.



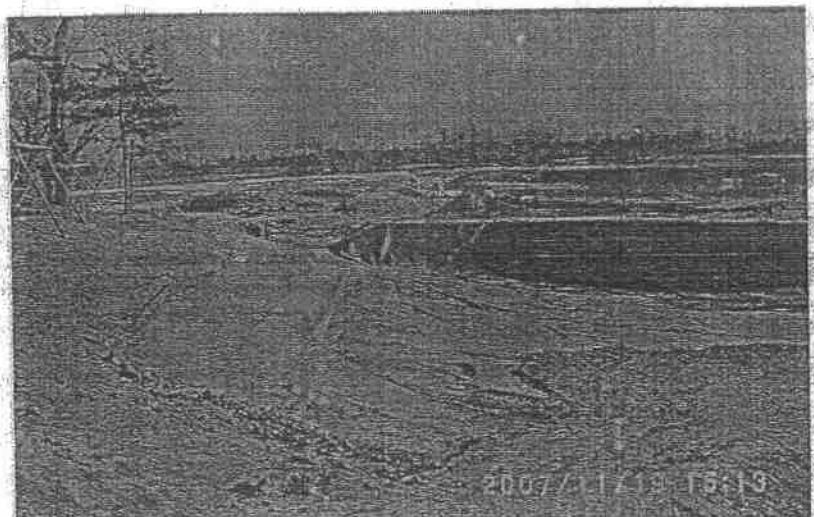
RAINFALL CAN BE STORED IN TANKS

###### 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.



2007/1/15/19

##### 2) Ground water recharge

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



RAINFALL CAN BE  
RECHARGED INTO THE  
GROUND

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

$$\begin{aligned}\text{Total terrace Area} &= 35869.18 \text{ Sq. M. (Appo.)} \\ &= 35817.18 \times 849.32 \times 0.3 \\ &= 9126.07 \text{ Cum per year}\end{aligned}$$

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

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

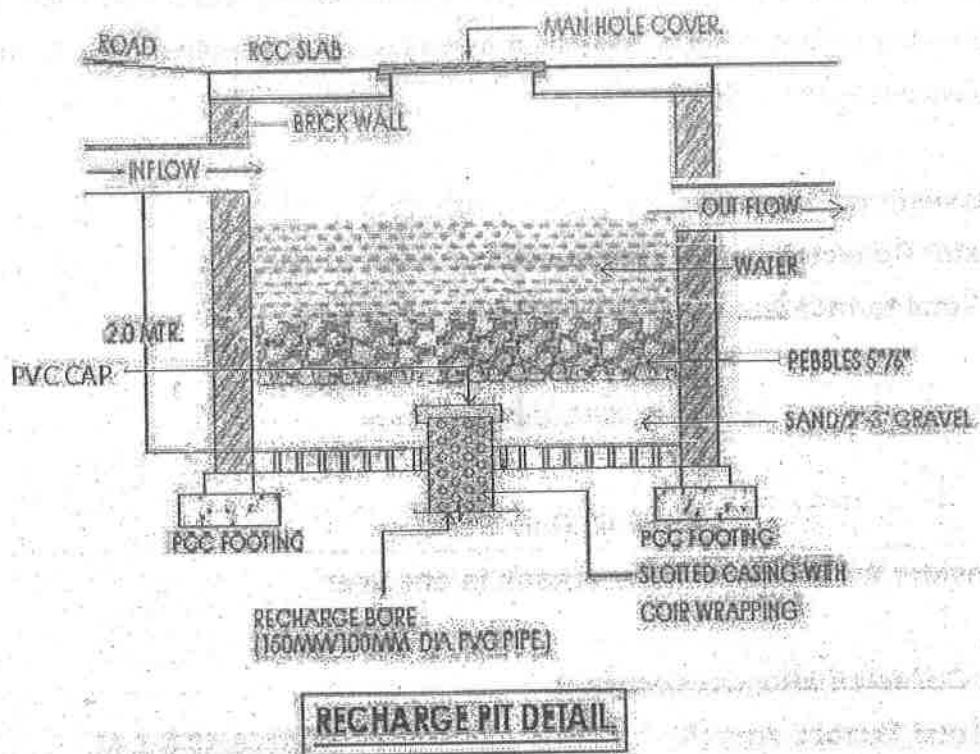
$$\begin{aligned}&= \text{Area in Sq. M.} \times \text{Average Rainfall} \times \text{Runoff Coefficient} \\ &= A \times I \times F \\ &= 35869.18 \times 849.26 \times 0.8 \\ &= 24369.80 \text{ Cum per year} \\ &= 487.39 \text{ cum per day}\end{aligned}$$

We consider the 50 day of rainy season in one year

Surplus Water will be calculated

$$\begin{aligned}\text{Total Surplus water} &= \text{Rainwater After Development} - \text{Rainwater Before Development} \\ &= 487.39 - 182.52 \\ &= 304.87 \text{ Cum Per Day}\end{aligned}$$

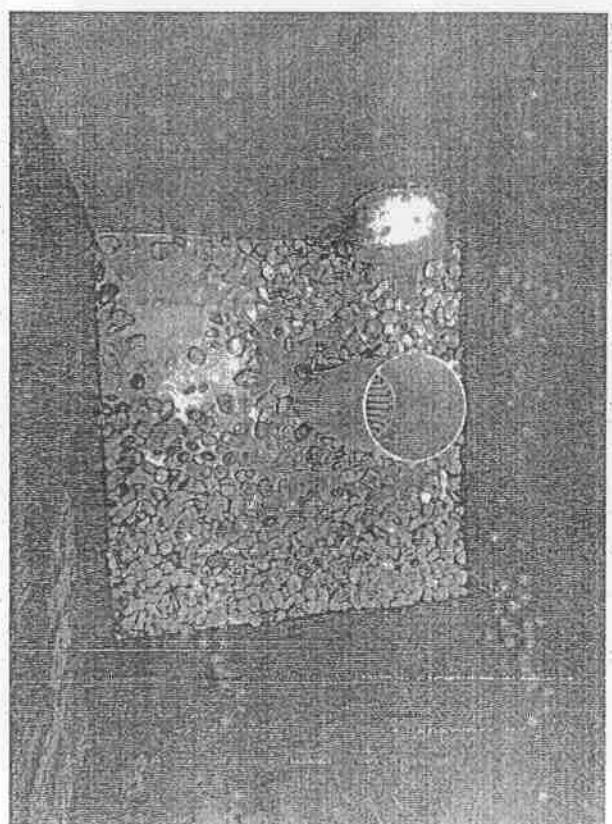
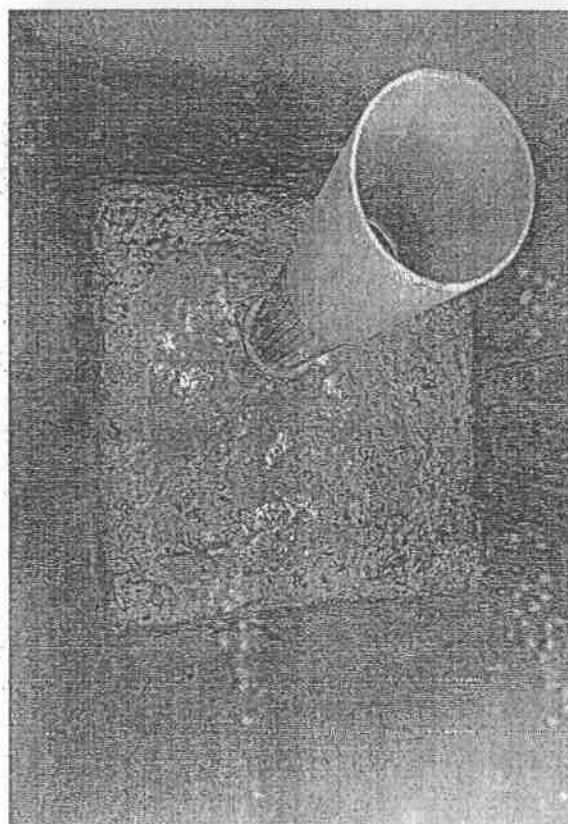
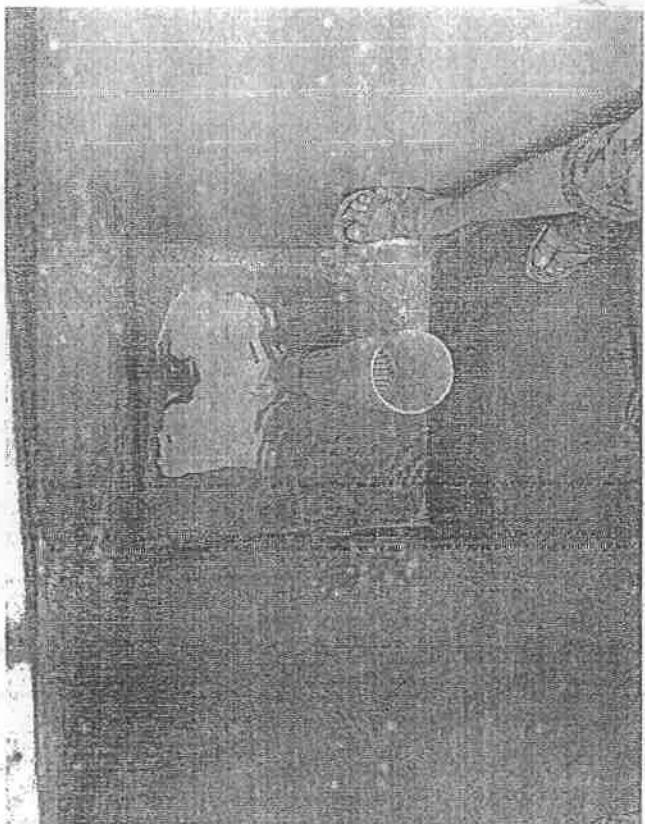
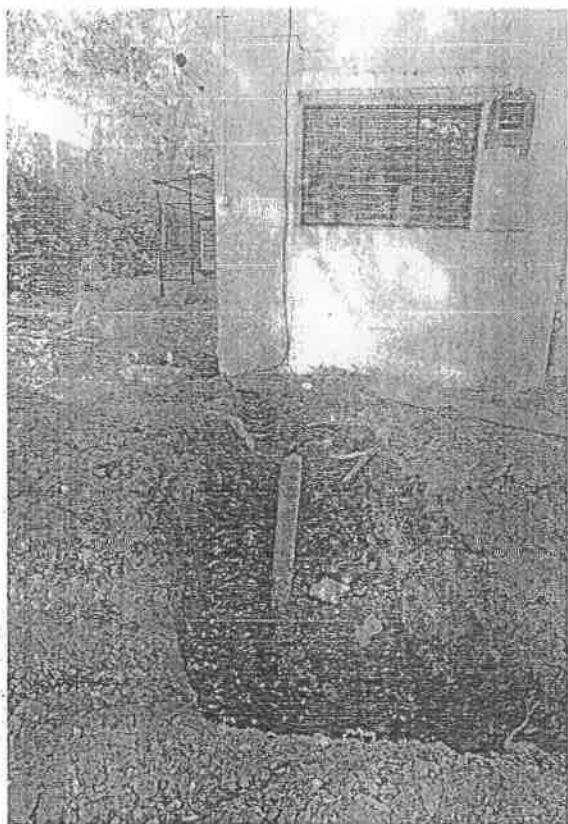
Recharge pits – Drawing of recharge pit

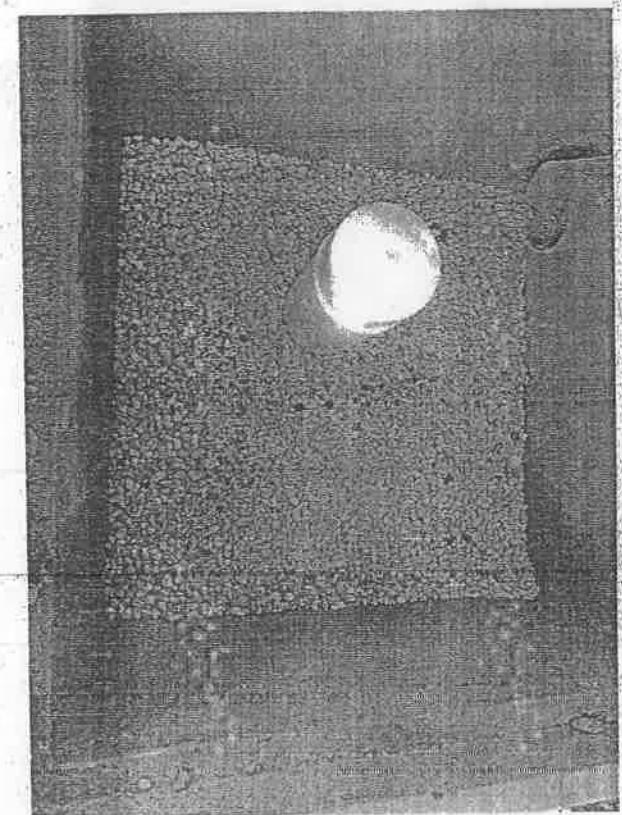
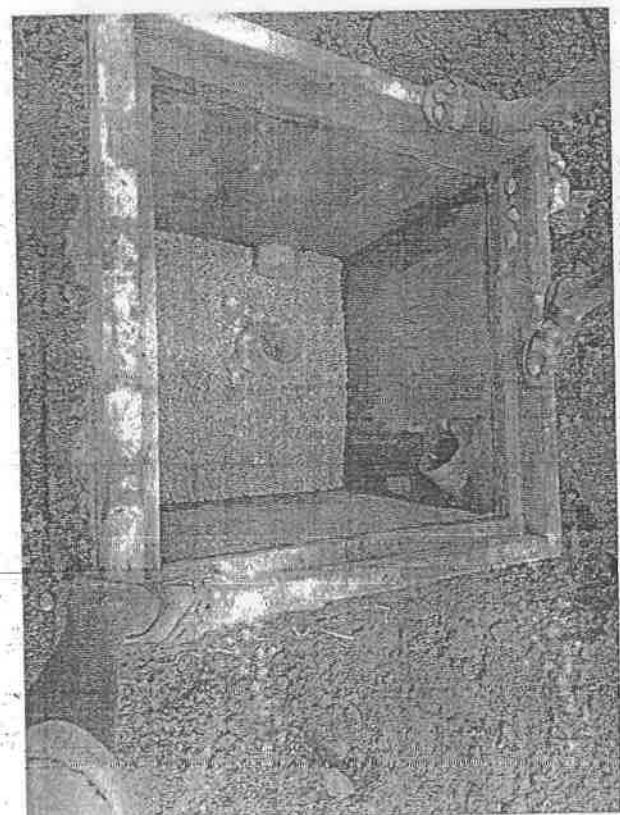
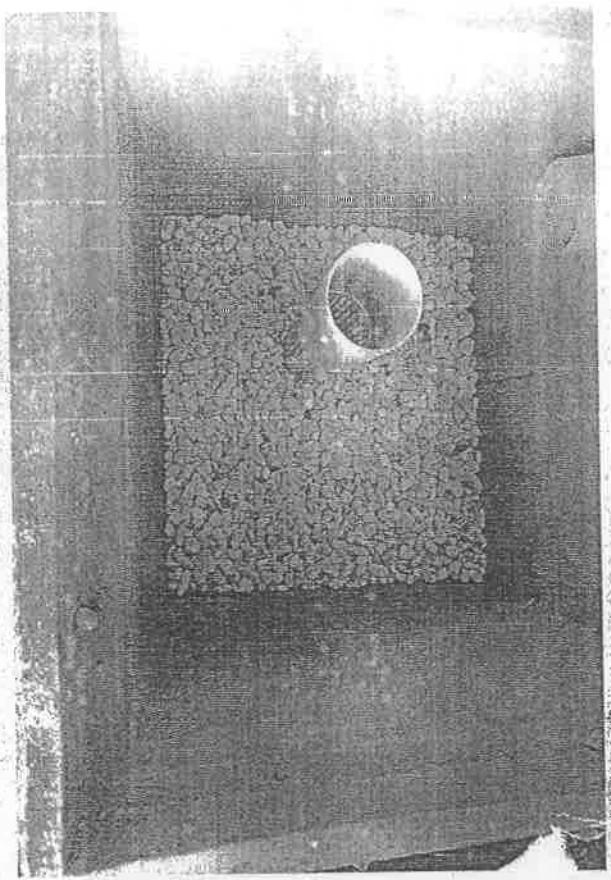
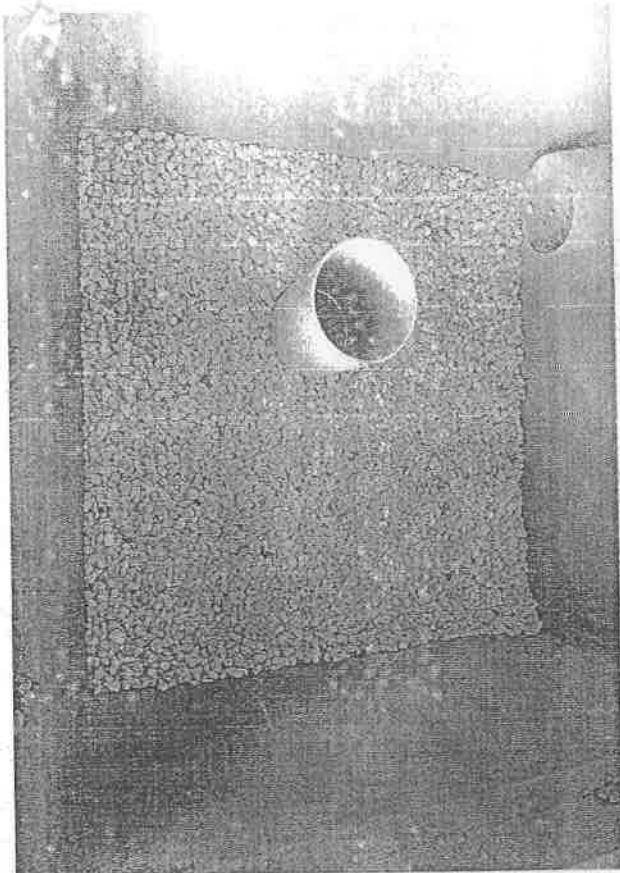


We are recharge with 2m x 2m in which Vee –Wire screen filter installed from this filtration will recharge water in to percolation borewell.

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

Actual Photos of Rainwater Harvesting





Phone : (020) 26902100 - 30 lines  
Fax : (020) 26902244  
E-mail : admin@vsisugar.org.in  
Web site : www.vsisugar.com



W.F. N. 2231  
Date: 15/6/2022

PM  
Preeti  
15/6/22

**VASANTDADA SUGAR INSTITUTE**  
Manjari (Bk.) Tal. : Havell, Dist. : Pune - 412 307, Maharashtra, India.

Thermal water  
Report  
P. D. 15/6/2022

Dr. Preeti Deshmukh  
Head, Soil Science Section

Ref. No. VSI/AGRI/SS/PC/2708/2022-23

Date: 15<sup>th</sup> June 2022

E-Mail: bsskltd@gmail.com

To,  
The Managing Director  
Bhimashankar SSK Ltd, Dattafrayanagar,  
Pargaon Via Awasari(Bk) Tal.Ambegaon,  
Dist.Pune 412406

Sub.: Regarding ETP sludge analysis.

Ref.: Bhimashankar /shetki/670/2022-23 dt.3/6/2022

Dear Sir,

As desired by you, we have analyzed the sample of ETP Sludge, Analysis report for the same is enclosed herewith.

Thanking you,

Yours faithfully,

Preeti Deshmukh

( Preeti Deshmukh )

Encl. Analysis report

Reply to be sent on the name of Institute and not on individual's name.



VASANTADADA SUGAR INSTITUTE

## CONTINUATION SHEET

This test report pertains only to the samples actually tested at VSI laboratory in the presented condition based on the documents/sample submitted by the customer.

Ref. No. VSI/AGRI/SS/PC/2708 /2022-23

Date: 15<sup>th</sup> June 2022

## Analysis Report

Name of the Sample : ETP Sludge Sample  
 Ref.: Bhimashankar /shetki/670/2022-23 dt.3/6/2022

Sr.No.	Parameters	Result
1.	pH	7.08
2.	Electrical Conductivity ds/m	3.67
3	Organic Carbon ,% by wt.	15.00
4	Total Nitrogen, % by wt.	2.34
5	Phosphate (as P <sub>2</sub> O <sub>5</sub> ), % by wt.	2.30
6	Potassium (as K <sub>2</sub> O), % by wt.	0.32
7	Magnesium (as Mg), % by wt.	0.28
8	Calcium (as Ca), % by wt.	7.46
9	Boron(asB) , % by wt.	ND
10	Sulphur (as SO <sub>4</sub> ), % by wt.	3.42
11	Copper (as Cu) mg/kg	101.6
12	Moisture %	0.55
13	Fe % by wt.	5.09
14	Mn (mg/kg)	401
15	Zn (mg/kg)	149.6
16	Cd (mg/kg)	ND
17	Cr (mg/kg)	816
18	Ni (mg/kg)	112.2
19	Pb (mg/kg)	89.2

ND: Not detected

(S.K.Sable)  
Scientist



राज्यसभा अधिकारी

महाराष्ट्र शासन

औद्योगिक सुरक्षा व आरोग्य संचालनालय (कामगार विभाग)

परवाना क्रमांक ३३०५०

नमूना क्रमांक ४

(नियम ६ व ८ पाहणे)

कारखान्याची नोंदणी व कारखाना चालविण्याचा रसंधीचा परवाना



नोंदणी क्रमांक : १२२१०१०७२१००६४६२१

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

केलेल्या जागेत कारखाना चालविण्यास परवाना देण्यात आला आहे.

या परवान्यान्याचे 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. - ९४७००९.०० 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 लीमीटेड

Factory Name :  
नाव :

BHIMASHANKAR SAHAKARI SAKHAR KARKHANA LTD

पत्ता :

भीमाशंकर एस.एस.के. लीमीटेड, ADMINISTRATIVE BUILDING, मंचर

विक्रर रोड, दत्तात्रय नगर, दत्तात्रय नगर, आंबेगावपुणे, महाराष्ट्र, ४१२४०६

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

कलम :

२६४०

औद्योगिक वर्गीकरण :

१०७२१

कारखान्याच्या इमारतीचे नकाशे दिनांक २९.०६.२०२२ च्या जावक क्रमांक PLN/४७७/१५/SLC/RRV/४४५६/१५खाली मंजूर केले गेले आहेत.

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

टिप : हा कारखान्याची नोंदणी व कारखाना चालवण्याचा 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 येकेस अस्तित्वात



पुस्तकालय २५/१०/४/२०२२

VII

## भीमाशंकर सहकारी साखर कारखाना लि.

दत्तात्रेयनगर, पारगाव तरफ अवसरी बु. ३०, आंबेगाव, नियु. पुणे ४११२४०६  
गोपा. फॉ. ३१७७९६५८३०, ६६६६४६६१५०६८-मेल- bsskltd@gmail.com

### जाहीर सूचना

राज्यस्तरीय पर्यावरण प्रभाव मुल्यांकन समिती, महाराष्ट्र राज्य, पर्यावरण विभाग, खोली क्र. २१७, दुसरा मजला, मंत्रालय, मुंबई यांच्याकडून भीमाशंकर सहकारी साखर कारखाना लि., दत्तात्रेयनगर, पारगाव तरफ अवसरी बु. ३०, आंबेगाव, नियु. पुणे यांस प्रस्तावित १९ ते २९ मेरावेंट को-जनरेशन प्रकल्पास SIA / MH / THE / ७००६४ / २०११ दि. २१/०४/२०२२ या पत्रान्वये पर्यावरण विषयक परवानगी देण्यात आली आहे.

सदर पर्यावरण मंजुरी पत्राची प्रत महाराष्ट्र प्रदूषण नियंत्रण मंडळ यांच्या कार्यालयामध्ये तसेच वेबसाईट <http://parivesh.nic.in> कधे उपलब्ध आहे.

कार्यकारी संचालक

15/12/16  
16:00pm

# FINANCIAL EXPRESS

TUESDAY, APRIL 26, 2022

**BHIMASHANKAR SAHAKARI SAKHAR KARKHAÑA LTD.**  
Daltatraynagar, Pargaon Via Awasari Bh., Tal - Ambegaon, Dist - Pune  
Mobile No. 9975568130, 8888846990, E-Mail - bsskltd@gmail.com

## PUBLIC NOTICE

STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT  
AUTHORITY (SEIA) Maharashtra Environment Department, Room  
No. 217, 2nd Floor, Mahalaya, Mumbai 400032 has received  
Environment Clearance No. STA - MH - THE - 70064 / 2011, dated  
21/04/2022 for the Proposed 19 to 29 MW Basseuse based  
Co-generation Project at Daltatraynagar, Pargaon, Talte Awasari Bh.,  
Ambegaon, Dist - Pune of M/S. Bhimashankar Sahakari Sakhari  
Karkhana Ltd.

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

Managing Director

181-10114



पर्यावरण विषयक

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 काल्याण 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

मुंबई क्षेत्रातील नुसारदृष्ट्यात

स्वतंत्र ऊस विकास.विंग

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

तसेच माती आणि पाणी परीक्षण प्रयोगशाळा सुसज्ज.

19to29MW CoGen EC Com.01.01.2025to30.06.20~~25~~

45to95KLPD Dist. EC Com.01.01.2025to30.06.20~~25~~

2500to6000TCDSugarEC Com.01.01.2025to30.06.20~~25~~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

Environment 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 & Stack)

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 sugar EC Com.01.06.2023 to 31.12.2023

45 to 95 KLPD Dist. EC Compl.1 Jan.2023 to 30 Jun.2023

2500 to 6000 TCD Sugar EC Compl.1 Jan.2023 to 30 Jun.2023

19 to 29 MW Co-Gen. EC Compl.1 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 Dist. 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 Complaint Report 19 MW Co-gen.(1st January 2020 to 30 June 2020)

On Line Monitoring report 2019-20

Envrionment 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 complaintce -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 Complinace 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 complaint Report 2018-19

Environmental Statement (Form-V) 2018-19

100%  
Sakhi100%  
Sakhi

Bhimashankar Sahakari Sakhi Karkhana

100%  
Sakhi100%  
Sakhi

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**Maharashtra Pollution Control Board**  
**महाराष्ट्र प्रदूषण नियंत्रण मंडळ**

109

**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**

<b>Company Name</b>	<b>Application UAN number</b>
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Bhimashankar Sahakari Sakhar Karkhana Ltd.	00000170265
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**Address**

Dattatraynagar, Pargaon Tarfe Awasari Bk.
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**Plot no****Taluka**

-	Ambegaon
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**Village**

Pargaon Tarfe Awasari Bk.
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**Capital Investment (In lakhs)****Scale**

31832.06	Red
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**City**

Pargaon Tarfe Awasari Bk.
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**Pincode****Person Name**

412406	Mr. Chandrakant G. Dhage
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**Designation**

Managing Director
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**Telephone Number****Fax Number**

9975568130	0213328270
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**Email**

bsskltd@gmail.com
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**Region****Industry Category**

SRO-Pune II	Red
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**Industry Type**

R12 Sugar (excluding Khandsari)
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**Last Environmental statement submitted online****Consent Number**

yes
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Format 1.0/UAN No. MPCB-CONSENT-0000170265/CR/2309000334
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**Consent Issue Date**

2023-09-05
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**Consent Valid Upto****Establishment Year**

2026-07-31	2000
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**Date of last environment statement submitted**

Jun 10 2024 12:00:00:000AM
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**Industry Category Primary (STC Code) & Secondary (STC Code)****Product Information**

<b>Product Name</b>	<b>Consent Quantity</b>	<b>Actual Quantity</b>	<b>UOM</b>
Sugar	21600	24874	

**By-product Information**

<b>By Product Name</b>	<b>Consent Quantity</b>	<b>Actual Quantity</b>	<b>UOM</b>
Bagasse	46800	59866	
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
	1694.00	1255.00
Cooling	48.00	1400.00
Domestic	96.00	56.00
All others	0.00	0.00
<b>Total</b>	<b>1838.00</b>	<b>2711.00</b>

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

##### [B] Air (Stack)

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

### Part-D

**1) From Process**

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

**2) From Pollution Control Facilities**

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

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

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

**2) From Pollution Control Facilities**

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

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

<b>Waste Type</b>	<b>Total During Previous Financial year</b>	<b>Total During Current Financial year</b>	<b>UOM</b>
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**

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

**2) Solid Waste**

<b>Type of Solid Waste Generated</b>	<b>Qty of Solid Waste</b>	<b>UOM</b>	<b>Concentration of Solid Waste</b>
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.**

<b>Description</b>	<b>Reduction in Water Consumption (M3/day)</b>	<b>Reduction in Fuel &amp; Solvent Consumption (KL/day)</b>	<b>Reduction in Raw Material (Kg)</b>	<b>Reduction in Power Consumption (KWH)</b>	<b>Capital Investment (In Lacs)</b>	<b>Reduction in Maintenance (In Lacs)</b>
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:**

08-06-2025