

Bid invitation

Information

Description: YMN/MAINTENANCE OF ETP AT EQUIP DIV/EL
Bid invitation number: 6300039250

Bid invitation rules

Bid invitation currency: INR
Timezone: INDIA
Submission period: 09.01.2025 14:00:00
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Bid invitation text:

NOTE: ALL OTHER TERMS AND CONDITIONS WILL REMAIN AS PER THE GENERAL TERMS AND CONDITIONS DOCUMENT ATTACHED IN THE NOTES AND ATTACHMENTS SECTION.

Any item specific remarks / comments can be mentioned in "Bidders Remarks" column under Item Data. Please contact our SRM Team for guidance on submission of bids in SRM system.

Phone number: (080) 22963269 / 22963141

E-mail ID: admin.srm@beml.co.in

Please contact Materials Department, Mysore Complex for any technical clarifications.

Phone number: (0821) 2400253 / 2400225

E-mail ID: mohankumar.s@bemltd.in/elavalagan.l@bemltd.in

Attachments:

TERMS & CONDITIONS

TENDER DOCUMENT

Digital Signature

Bid invitation details

Item	Product Price Condition	Description	Vendor product number	Delivery date/ performance period	Quantity
1		Maint.cotract of ETP at		00:00:00	

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Item	Product	Description	Vendor product number	Delivery date/ performance period	Quantity
	Price Condition	BEML			

Item long text:

SUB: Maintenance contract for maintenance of Effluent Treatment plants at Equipment Division, Engine division & Township, BEML Limited, Mysore, for Two years period (2025-27) A) Cost of Materials

1 Phenol Perfumed Brand : Blossom, Black Belt, Ozone Lit 3602 Coconut brooms Nos 1443 Soft brooms Brand : Monkey/555/Mothi/ Maharani Nos 724 Cleaning brush Nos 1445 Cleaning Acid Lit 3606 Bleaching powder Kg 6007 Rubber Hand gloves Sets Pair 7208 Nose mask Nos 7209 "Bath Soap not less than 100gms in weight (Lifeboy / Rexona/ Mysore Sandal)" Nos 21610 Soap not less than 200gms in weight (Nirma / Arasan / Rin) Nos 21611 Mosquito spray (Malathion insecticide) Lit 2412 Stitched uniforms sets (2No. Shirt & 2No. Pant per year (2 x 9 x 2) Nos. 3613 Gum Boot Sets 914 Safety shoes with 2 pair socks Sets 915 Gear oil 140 grade Lit 12016 Gear oil 320 grade Lit 12017 Oil seal of size 40 X 52 X 7 Nos. 5018 Oil seal of size 42 X 24 X 8 Nos. 2019 Rubber washers for aerators Nos. 2420 SKF Bearing No. 6306 for ATP agitator motors Nos. 621 SKF Bearing No. 6206 for ATP agitator motors Nos. 622 Blower V-Belt : G18 EXCON B1465 [LP/B56] Nos. 2423 Supply of EPDM membrane fine bubble tube diffuser of size 63mm dia x 1000mm long of PROFLEX make of Optimal Air flow : 2M3/hr -5M3/hr with high density plastic polymer support to connect 1" NPT and Stainless Steel AISI 304 retaining clamp etc. <(>,<)> Nos. 17024 Plastic heavy duty basin (medium size) Nos 625 Spades (Mumty-medium size) Nos 326 Sprayer for medicine of 15 Ltr Capacity Nos 227 Hand shovels Nos. 328 Rechargeable Torch Nos. 629 Safety Helmet Nos. 630 Hand grease gun Nos. 3B Activity

31 Operation, Monitoring & Maintenance of Effluent treatment plants as per prescribed norms of KSPCB maintaining proper records of inflow & outflow and other connected records, monitoring all the tanks, periodical cleaning both in & around Plants etc., all as specified and directed at Equipment division, Engine division and in township all as per scope of work mentioned by engaging required labours, statutory materials, tool set etc., listed in Special Terms & conditions (A) & (B) and as detailed above in regular working days and also on Sundays & holidays (24 x 7) all as directed by Engineer-in-charge or supervisor. NOTE : i) Carrying out of above works for all 3 no plants at Equipment Divn, Engine Divn & Township on daily basis (24x7). Maintenance of One plant for a period of one month is considered as ONE job. (3-Plants x 24 months) = 72 jobs ii) The sufficient number of labours in 1st, 2nd & 3rd shift to be engaged and monitored round the clock throughout the year. 32 Analysis of waste water Effluent : The sampling should be done once in every month as instructed by officer-in-charge and the samples should be sent to any approved KSPCB laboratory by the agency for parameters as applicable as per KSPCB consents (existing parameters as mentioned below) for all the three plants and reports to be submitted to the office. i) Equipment : pH value, TDS, BOD, COD, TSS, Ammonical Nitrogen (NH4-N), Total Nitrogen, Fecal Coliform, Conductivity, Chloride as Cl. ii) Engine Division : pH value, TDS, BOD, COD, TSS, Ammonical Nitrogen (NH4-N), Total Nitrogen, Fecal Coliform, Conductivity, Chloride as Cl, Oil & Grease, .iii) Township : pH value, TDS, BOD, COD, TSS, Ammonical Nitrogen (NH4-N), Total Nitrogen, Fecal Coliform, Conductivity, Chloride as Cl. Note: This includes Collection of samples from all the three plants (Equipment Divn, Engine Divn and Township plants) and conducting analysis as prescribed by KSPCB for every month is considered as One Job 33 Carrying out Noise Level Monitoring Test at BEML Ltd., Mysore complex, in following points : Equipment Division : Near Equipment

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		<p>division main gate, Major Assy Hangar, Light Assy Hangar<(>,<)>Plate shop, Machine shop & Test track : Total 6 point</p> <p>Engine Division : Near Engine division main gate, Manufacturing shop # 2 places, Engine Assy shop, Engine Testing area : Total 5 point</p> <p>Terms and condition. Recording of noise level in both day time i.e. 6AM -10PM & night time i.e. : 10PM -6AM is considered as one point. Total number of points = 11x2 => 22 points for 2 years.</p> <p>2) The work is to be executed once in a year on need basis i.e., the date will be intimated whenever the test to be conducted.</p> <p>3) The testing charges to be quoted on per point basis (for both day & night time)</p> <p>4) Test / Analysis reports are to be submitted to Civil Maintenance Dept.</p> <p>34 Carrying out Ambient Air Quality Monitoring at BEML Ltd., Mysore complex, in following points : Equipment Division : Near Equipment division main gate, Major Assy Hangar, Light Assy Hangar<(>,<)>Plate shop, Machine shop & Paint shop : Total 6 point</p> <p>Engine Division : Near Engine division main gate, Manufacturing shop # 2 places, Engine Assy shop, Engine Testing area, Floater/Painting area : Total 6 point</p> <p>Approx. Total no. of points : 12 points / year. Totalling to 24 points for 2 years.</p> <p>Terms and condition.</p> <p>1) The test should be conducted by Agency as per present parameters / Norms prescribed by the Karnataka State Pollution Control Board, using their own Men and Machineries, Tools, Accessories etc, at BEML premises. The test parameters are as detailed below.</p> <p>a) Sulphur dioxide b) Oxides of Nitrogen c) Particulate Matter 10mg/cum d) Particulate Matter 2.5mg/cum e) Ozone f) Lead g) Carbon Monoxide h) Ammonia i) Benzene j) Benzo (a) Pyrene (Bap) - Particulate phase only k) Arsenic l) Nickel.</p> <p>2) The work is to be executed once in a year on need basis i.e., the date will be intimated whenever the test to be conducted.</p> <p>3) The testing charges to be quoted on per point basis</p> <p>4) Test / Analysis reports are to be submitted to Civil Maintenance Dept.</p> <p>35 Testing of Drinking Water. Carrying out testing of Drinking Water (RO) & bore well water at BEML Ltd., Mysore Complex, Mysore.</p> <p>Terms & Conditions:</p> <p>1) Water sample analysis for the following parameters is to be carried out.</p> <p>a) Total Dissolved solids. b) PH Value c) Total Hardness as CaCo3 d) Microbiological analysis Viz., Coli form organism counts & Escherichia Coli.</p> <p>2) The firm has to collect RO water samples from three points from Equipment Divn, Engine Divn & Township and Three sample from pump house in Equipment / Engine / Township Quarterly (once in three months) with their own cost and carry out the test as specified above.</p> <p>Total 6 samples per Quarterly for 2 years = 6 x 4 x 2 = 48 samples for 2 years</p> <p>3) Water samples are to be collected from BEML premises only with the prior intimation and approval of Civil Maintenance Dept.</p> <p>4) The tests to be conducted as per the standards applicable & test results are to be submitted to Civil Maintenance Dept as early as possible.</p> <p>36 Mechanized Cleaning: Removal of sludge, liquid mixed with solid etc., from Aeration tank / Sludge tank etc., by using high pressure suction Machine with tanker capacity 5000- 7000 Liters and disposing at safe place.</p> <p>Note: Removal of sludge containing One full load of tanker of capacity 5000-7000 Liters is considered as One job. The jobs catered are provisional & shall be utilized as & when required only.</p> <p>37 Deploying Supervisor for organizing day to day works: Monitoring the performance of all 3 no. plants and to take adequate actions to ensure smooth and satisfactory performance according to the norms of KSPCB of all the plants.</p> <p>Periodicity: All working days</p> <p>Note: Deploying highly skilled supervisor, with knowledge in the field on all working days & on holidays during exigency for a period of one month is considered as one job.</p> <p>38 Renewal of Consents: (Existing Consents expiring on 30.06.2026)</p> <p>i) Consent for Air & Water pertaining to Equipment division</p> <p>ii) Consent for handling hazardous waste pertaining to Equipment division</p> <p>iii) Consent for Air & Water pertaining to Engine division</p> <p>iv) Consent for handling hazardous waste pertaining to Engine Division</p> <p>v) And any other applicable consents notified by KSPCB time-to-time.</p> <p>Note: a) The rate quoted shall be deemed to include</p>			

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for observing all formalities related to submission of above consents & up-loading details at KSPCB web site/physical application in consultation with Beme, providing necessary documents / clarification & follow ups with the KSPCB authorities both at local office & HQ for obtaining consents. b) The required KSPCB fees applicable for various consents shall be borne by BEML Ltd. 39 Liaison works with KSPCB viz: The scope includes for Preparation of documents / details involved for Filing of periodical returns as required by the KSPCB or any other statutory authorities and submission to concerned authority. Also, any related follow up works with KSPCB to be arranged by the agency as & when arises during the pendency of contract. Requisite fees if any will be paid by BEML against the demand notice from the authorities. Note: The liaison work/ submission of returns & follow up work with KSPCB is as listed below: i) Submission of Analysis of treated water #Quarterly ii) Submission of Stack emission test reports, Ambient Air & Ambient Noise level etc. #Yearly iii) Form- 3, 4, 9 & 13 # Yearly iv) Form No. VIII, IX-Half yearly v) Form 8 & 9 #Half yearly etc. <(>,<(>)> or Any other relevant assignments / submission of records from time to time prescribed by KSPCB. Note: a) The above mentioned liaisoning work which needs to be carried out monthly/ quarterly/ half yearly / yearly periodical submission to KSPCB for one year is considered as one job. b) The contractor has to make a claim yearly after attending all the works required.

2		Phenol Perfumed			360.000 L
	Basic Price		INR		
	CGST - Central GST		%		
	Discount on Basic		%		
	IGST -Integrated GST		%		
	SGST - State GST		%		
3		Coconut brooms			144 NO
	Basic Price		INR		
	CGST - Central GST		%		
	Discount on Basic		%		
	IGST -Integrated GST		%		
	SGST - State GST		%		
4		Soft brooms			72 NO
	Basic Price		INR		
	CGST - Central GST		%		
	Discount on Basic		%		
	IGST -Integrated GST		%		
	SGST - State GST		%		
5		Cleaning brush			144 NO
	Basic Price		INR		
	CGST - Central GST		%		

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Item	Product	Description	Vendor product number	Delivery date/ performance period	Quantity
		Discount on Basic	%		
		IGST -Integrated GST	%		
		SGST - State GST	%		
6		Cleaning Acid			360.000 L
		Basic Price	INR		
		CGST - Central GST	%		
		Discount on Basic	%		
		IGST -Integrated GST	%		
		SGST - State GST	%		
7		Bleaching powder			600.000 KG
		Basic Price	INR		
		CGST - Central GST	%		
		Discount on Basic	%		
		IGST -Integrated GST	%		
		SGST - State GST	%		
8		Rubber Hand gloves Sets			720 PAA
		SGST - State GST	%		
		IGST -Integrated GST	%		
		Discount on Basic	%		
		CGST - Central GST	%		
		Basic Price	INR		
9		Nose mask			720 NO
		SGST - State GST	%		
		IGST -Integrated GST	%		
		Discount on Basic	%		
		CGST - Central GST	%		
		Basic Price	INR		
10		Bath Soap not less than 100gms			216 NO
		Basic Price	INR		
		CGST - Central GST	%		
		Discount on Basic	%		
		IGST -Integrated GST	%		

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Item	Product Price Condition	Description	Vendor product number	Delivery date/ performance period	Quantity
	SGST - State GST		%		
11		Washing Soap not less than 200gms			216 NO
	Basic Price		INR		
	CGST - Central GST		%		
	Discount on Basic		%		
	IGST -Integrated GST		%		
	SGST - State GST		%		
12		Mosquito spray			24.000 L
	Basic Price		INR		
	CGST - Central GST		%		
	Discount on Basic		%		
	IGST -Integrated GST		%		
	SGST - State GST		%		
13		Stitched uniforms sets			36 NO
	SGST - State GST		%		
	IGST -Integrated GST		%		
	Discount on Basic		%		
	CGST - Central GST		%		
	Basic Price		INR		
14		Gum Boot			9.000 SET
	SGST - State GST		%		
	IGST -Integrated GST		%		
	Discount on Basic		%		
	CGST - Central GST		%		
	Basic Price		INR		
15		Safety shoes with 2 pair socks			9.000 SET
	Basic Price		INR		
	CGST - Central GST		%		
	Discount on Basic		%		
	IGST -Integrated GST		%		
	SGST - State GST		%		

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16		Gear oil 140 grade			120.000 L
	Basic Price		INR		
	CGST - Central GST		%		
	Discount on Basic		%		
	IGST -Integrated GST		%		
	SGST - State GST		%		
17		Gear oil 320 grade			120.000 L
	Basic Price		INR		
	CGST - Central GST		%		
	Discount on Basic		%		
	IGST -Integrated GST		%		
	SGST - State GST		%		
18		Oil seal of size 40 X 52 X 7			50 NO
	SGST - State GST		%		
	IGST -Integrated GST		%		
	Discount on Basic		%		
	CGST - Central GST		%		
	Basic Price		INR		
19		Oil seal of size 42 X 24 X 8			20 NO
	SGST - State GST		%		
	IGST -Integrated GST		%		
	Discount on Basic		%		
	CGST - Central GST		%		
	Basic Price		INR		
20		Rubber washers for aerators			24 NO
	Basic Price		INR		
	CGST - Central GST		%		
	Discount on Basic		%		
	IGST -Integrated GST		%		
	SGST - State GST		%		
21		SKF Bearing No. 6306 for ATP agitator mo			6 NO

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	Basic Price		INR		
	CGST - Central GST		%		
	Discount on Basic		%		
	IGST -Integrated GST		%		
	SGST - State GST		%		
22		SKF Bearing No. 6206 for ATP agitator mo			6 NO
	Basic Price		INR		
	CGST - Central GST		%		
	Discount on Basic		%		
	IGST -Integrated GST		%		
	SGST - State GST		%		
23		Blower V-Belt : G18 EXCON			24 NO
	SGST - State GST		%		
	IGST -Integrated GST		%		
	Discount on Basic		%		
	CGST - Central GST		%		
	Basic Price		INR		
24		Supply of EPDM membrane			170 NO
	SGST - State GST		%		
	IGST -Integrated GST		%		
	Discount on Basic		%		
	CGST - Central GST		%		
	Basic Price		INR		
25		Plastic heavy duty basin (medium size)			6 NO
	Basic Price		INR		
	CGST - Central GST		%		
	Discount on Basic		%		
	IGST -Integrated GST		%		
	SGST - State GST		%		

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26		Spades (Mumty-medium size)			3 NO
	Basic Price		INR		
	CGST - Central GST		%		
	Discount on Basic		%		
	IGST -Integrated GST		%		
	SGST - State GST		%		
27		Sprayer for medicine of 15 Ltr Capacity			2 NO
	Basic Price		INR		
	CGST - Central GST		%		
	Discount on Basic		%		
	IGST -Integrated GST		%		
	SGST - State GST		%		
28		Hand shovels			3 NO
	SGST - State GST		%		
	IGST -Integrated GST		%		
	Discount on Basic		%		
	CGST - Central GST		%		
	Basic Price		INR		
29		Rechargeable Torch			6 NO
	SGST - State GST		%		
	IGST -Integrated GST		%		
	Discount on Basic		%		
	CGST - Central GST		%		
	Basic Price		INR		
30		Safety Helmet			6 NO
	Basic Price		INR		
	CGST - Central GST		%		
	Discount on Basic		%		
	IGST -Integrated GST		%		
	SGST - State GST		%		
31		Hand grease gun			3 NO

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	Basic Price		INR		
	CGST - Central GST		%		
	Discount on Basic		%		
	IGST -Integrated GST		%		
	SGST - State GST		%		
32		Operation & maintenance of ETP			72 JOB
	Basic Price		INR		
	CGST - Central GST		%		
	Discount on Basic		%		
	IGST -Integrated GST		%		
	SGST - State GST		%		
33		Effluent Analysis charges			24 JOB
	SGST - State GST		%		
	IGST -Integrated GST		%		
	Discount on Basic		%		
	CGST - Central GST		%		
	Basic Price		INR		
34		Carrying out Noise Level Monitoring test			22 P
	SGST - State GST		%		
	IGST -Integrated GST		%		
	Discount on Basic		%		
	CGST - Central GST		%		
	Basic Price		INR		
35		Carrying out Ambient Air Quality Monitor			24 P
	Basic Price		INR		
	CGST - Central GST		%		
	Discount on Basic		%		
	IGST -Integrated GST		%		
	SGST - State GST		%		
36		Carrying out testing of			48 JOB

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		Drinking Water			
		Basic Price	INR		
		CGST - Central GST	%		
		Discount on Basic	%		
		IGST -Integrated GST	%		
		SGST - State GST	%		
37		Removal of sludge, liquid mixed solids			60 JOB
		Basic Price	INR		
		CGST - Central GST	%		
		Discount on Basic	%		
		IGST -Integrated GST	%		
		SGST - State GST	%		
38		Deploying Of Supervisor			24 JOB
		Basic Price	INR		
		CGST - Central GST	%		
		Discount on Basic	%		
		IGST -Integrated GST	%		
		SGST - State GST	%		
39		Renewal of Consents			1 JOB
		Basic Price	INR		
		CGST - Central GST	%		
		Discount on Basic	%		
		IGST -Integrated GST	%		
		SGST - State GST	%		
40		Liaison works with KSPCB			2 JOB
		Basic Price	INR		
		CGST - Central GST	%		
		Discount on Basic	%		
		IGST -Integrated GST	%		
		SGST - State GST	%		