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SPECIFICATION OF MILL CIRCUIT TANK WITH AGITATOR-WBM 2950

1. INTENT OF SPECIFICATION:

This specification is intended to cover the design, engineering, manufacturing, inspection and testing at manufacturer's works, packing and delivery to site, supervision of erection and commissioning of Mill Circuit tank with agitator along with its accessories complete in all respects. Mill Circuit Tank is a fabricated cylindrical tank with flange mounted top entry (vertical) type agitator. The agitators shall be designed for continuous operation capable of maintaining uniform concentration in the circuit tank and the discharge slurry properties shall be as per clause no: 03.

In case of additional requirement of instrumentation, controls and other accessories/auxiliaries for safe, reliable and trouble-free operation of the agitator with circuit tank necessary reasons for recommendation shall be furnished and the same shall be included in scope of supply with the purchaser's approval.

2. APPLICATION:

In Wet Ball Milling System, the dilution of limestone slurry is done with water in the Mill Circuit Tank. Agitator shall be used in mill circuit tank to prevent caking and settlement of limestone particles out of the slurry and maintain uniform slurry concentration.

3. DISCHARGE SLURRY PROPERTIES :

3.1 Solids (limestone) Concentration (w/w) %: 55

3.2 Flow rate (m³/Hr) : 81

3.3 Specific gravity of slurry : 1.53

4. INLET SLURRY PROPERTIES:

4.1 Solids (limestone) Concentration (w/w) %: 70

4.2 Flow Rate (m³/Hr) : 54.5

4.3 Specific gravity of slurry : 1.78

5. FLOW RATE OF DILUTION WATER:

Flow Rate (m³/Hr): 26.5

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6. WEAR PROTECTION:

6.1 Interior surface of the tanks shall be lined with replaceable Chlorobutyl / Bromobutyl rubber lining of 6 mm thickness.

6.2 The shaft of the agitator, impeller blades and impeller should be rubber lined.

7. CONSTRUCTION OF MILL CIRCUIT TANK:

7.1 The lining inside diameter of the tank is 2800 mm and height of the tank is 2200 mm. Refer Annexure-II. The thickness of the plates to be considered shall be as per Annexure-II.

7.2 Mill Circuit tank shall be made from IS:2062 Gr E350-Gr quality mild steel plates of tested quality. The tanks shall be of welded construction.

7.3 The tank shall be provided with flange supported drain line, manhole, over flow line, inlet and discharge ports, standby holes for future requirements etc. with positions and elevations followed as per Annexure –II. All flanges shall be in accordance with ANSI B16.5 class 150.

7.4 Suction screens shall be installed at the outlet to protect the mill circuit pump.

7.5 Level Gauge mounted on the slurry tank shall be in the vendor scope of supply.

7.6 The vendor shall decide the location of breather/vent, ladder and platform to the top of the Tank and supply the same.

7.7 Baffles shall be designed and provided by vendor as per requirement.

7.8 The slope of bottom plate shall be maintained at 1:100.

7.9 The earthing strip for the tank shall be provided by the vendor.

7.10 Reinforcement pads in tank connections shall be provided and the reinforced connection shall be completely pre-assembled into the shell plate. The completed assembly including the connection shall be thermally stress-relieved.

7.11 For foundation and mounting details of mill circuit tank refer Annexure-III. Foundation fasteners shall be of vendor scope.

7.12 For tank connections refer Annexure-IV.


8. COMPONENTS OF AGITATOR:

8.1 BLADE AND HUB OF IMPELLER

8.1.1 The Blade design of the Agitator to be of most efficient design in order to offer least power consumption.

8.1.2 Although Agitator will have substantial low speed because of reduction Gear Box, hydraulic unbalance at impeller can cause severe vibration, hence it is

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<p>mandatory that rotating assembly shall be dynamically balanced to its rated speed.</p> <p>8.1.3 Impeller should be dynamically balanced to ISO-1940 Gr: G16: after rubber lining of shaft.</p> <p>8.1.4 The shape of the impeller blades shall be designed to avoid wear on the impellers so that the agitator performance is not affected for a minimum period of 2 years of continuous operation under design conditions for the limestone slurry specified in this specification.</p> <p>8.1.5 In order to avoid excessive wear impeller tip speed must not exceed 12 m/s.</p> <p>8.1.6 MOC of blade and hub of impeller: Alloy 926 or equivalent material.</p> <p>8.2 SEALING SYSTEM:</p> <p>8.2.1 Agitator shall be supplied with stuffing box or any proven equivalent or superior sealing type.</p> <p>8.2.2 Mechanical and hydraulic conditions in the seal chamber required to maintain a stable film at seal face, including temperature, pressure and flow, shall be jointly be established by Agitator manufacturer and seal manufacturer, and shall be noted in data sheet submitted in tender.</p> <p>8.2.3 If mechanical seal is offered by bidder, the mechanical seal should be as per ISO-21049 / API 682.</p> <p>8.3 SHAFT :</p> <p>8.3.1 Spacing of the shaft joint should not be more than 3.0 m for easy assembly if it is more than 40kg.</p> <p>8.3.2 Use of dissimilar material at flange joint shall be avoided to eliminate any crevice corrosion.</p> <p>8.3.3 MOC of shaft: Alloy 926 or superior material.</p> <p>8.4 BEARING AND BEARING HOUSING IN GEAR BOX:</p> <p>8.4.1 Bearing shall be of rolling type radial (anti friction bearing) and thrust bearing as required.</p> <p>8.4.2 Thrust bearing shall be sized for continuous operation of agitator considering both up-thrust and down thrust load developed by agitator during operation.</p> <p>8.4.3 Life of antifriction bearing used in housing should be min. of L10 of 25000 hr.</p>					
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8.4.4 The method of lubrication of bearing should be specified.

8.5 DRIVER (MOTOR):

8.5.1 Driver shall be sized to meet all specified operating conditions including bearing housing, seal, external gear box and coupling loss (if any).

8.5.2 Degree of protection: IP 55.

8.5.3 The motor rating shall be selected by considering a margin of 20% more than Maximum power consumption.

8.5.4 The motor shall be as per IEC: 60034-1 with efficiency class IE3. Degree of protection: IP 55. Insulation class: F (temperature rise limited to class B).

8.6 GEAR BOX:

8.6.1 Gear box should be vertical flange mounted solid shaft type reducing speed type, specially designed for the requirement of Slurry mixing.

8.6.2 An auxiliary slow drive provision shall be provided in the Gear Box so that slurry is always kept in dynamic condition to avoid settling of slurry at bottom, in the event of Agitator is not operating at its rated speed.

8.6.3 Gear box rating shall be at least 1.5 times the rated torque of agitator.

8.7 COUPLING AND COUPLING GUARD :

8.7.1 Coupling and coupling guard should be supplied between driver and driven equipment.

8.7.2 Coupling should be designed taking into consideration of adequate service factor.

8.7.3 Design rating of the coupling (excluding service factor) should be indicated in data sheet.


8.7.4 Coupling must be having locking screw so that it does not slide over shaft in due course of operation.

8.7.5 Coupling shall be of spacer-type flexible coupling made of cast Iron. Spacer shall be of sufficient length so that Motor and gear box shall be able to run independently at no-load condition by detaching the respective coupling.

8.7.6 Coupling should be dynamically balanced to Gr: G6.3, ISO-1940.

8.8 All fasteners used in wetted condition must be of AISI-316L.

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9. TECHNICAL REQUIREMENTS :					
<p>9.1 It shall be noted that all Agitators are meant for keeping the solid particles in suspended mode in liquid with “Full off-Bottom Suspension” of solid particles to 98% of liquid column to virtually “Uniform Solid Concentration”. No chemical reaction will takes place.</p> <p>9.2 Maintaining a uniform concentration over the 95% of liquid column. Absolute sweeping of solid particle from tank bottom is a must for Agitator.</p> <p>9.3 It is to be noted that in continuous process any deposit at tank bottom is the loss of material which are not getting converted as per process. Hence, total loss of material by sedimentation is a loss to milling system & determines the “In efficiency of the Agitator”.</p> <p>9.4 Vendor should ensure nil settlement; utilization of solid material shall be a guaranteed parameter and will be assessed in percentage (%) term to net wet of solid mass of inflow or out flow. This is one of the guarantee parameter.</p> <p>9.5 Every Tank will have a pump whose suction line shall be connected to tank. These pumps are to operate continuously at the lowest operating level which is decided by Process requirement. Hence, the minimum operating level of slurry in the tank for Agitator is a must to assess the combined operation of Agitator as well as that of pump alone. The slurry level in the tank is indicated in annexure-II.</p> <p>9.6 All agitator parts and accessories in contact with the stirred fluid (limestone slurry) shall be constructed of materials specifically designed for the conditions and nature of the slurry and be resistant to erosion and corrosion.</p> <p>9.7 Agitator, Seal loss, Gear box and Motor internal loss must be submitted along with the offer. A characteristics curve showing power versus liquid level should be submitted from the lowest liquid level, required for Agitator to maximum liquid level in the tank.</p> <p>9.8 Motor should be selected based on the highest power demand with a 10% margin at maximum liquid level, taking into account frequency variation.</p> <p>9.9 Agitator and its driver shall perform on the test stand at shop and on the Agitator’s permanent location at site within vibration limit. The vibration of combined unit will be the responsibility of Agitator manufacturer. Agitator manufacturer is to ensure that Site performance of vibration is one of the “Acceptance Criteria” of the equipment. Please note vibration at test stand can only be taken as for information.</p> <p>9.10 The overall vibration level at site shall be as per ISO 10816. Vibration levels measured on the non-rotating parts shall not exceed the zone limit “B” as defined in ISO 10816 at steady conditions and shall not exceed the zone limit “C” as defined in ISO 10816 at transient conditions.</p>					
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10. GENERAL :

10.1 Each agitator and its associated equipment shall be arranged in such a manner as to permit easy access for operation, maintenance and agitator removal without interrupting plant operation.

10.2 Lifting lugs and special tackles shall be provided as necessary to permit easy handling of the agitators and their components.

10.3 All exposed moving parts shall be covered by guards.

10.4 Noise level at a distance of 1.0 meter horizontally from the equipment and 1.5 m above the operating floor at site shall be less than or equal to 85 dB(A).

10.5 The mounting details of motor, gearbox, sealing system, lubrication system of bearing should be furnished in the drawings.

10.6 Vendor should furnish technical data and general arrangement drawings with the offer.

10.7 Quality plan should be furnished to BHEL for customer approval on placement of purchase order. BHEL hold points of inspection will be indicated.

11. TESTING REQUIREMENTS:

11.1 Dimensional checks, during in-process and final inspection, shall be carried out for alignments, circularity, verticality, orientation of connections, slope of bottom plate etc.

11.2 NDT on weld joints shall be done as per relevant / applicable standard. However, minimum requirement of NDT, as given below, shall be complied:

11.2.1 100% DPT on root run (butt welds / back-gouged welds).

11.2.2 100% DPT on all finished welds.

11.2.3 RT on butt welded seams (which shall cover all 'T' / Cross joints)

11.3 The Mill Circuit tank shall be subjected to Hydraulic test.

11.4 Rubber lining in circuit tank and agitator shall be tested for hardness and spark test, as applicable.

11.5 Impellers shall be tested for dimensional and balancing check.

11.6 Gear Box shall be tested for run test as per standard practice.

11.7 Since there is no standard for "Acceptance Test Procedure" for Agitator, Agitator manufacturer is to submit a test procedure and Quality Plan, clearly indicating that equipment will meet the desired parameter.

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12. TEST CERTIFICATES:

The following test certificates should be furnished in triplicate along with the consignment:

- 12.1** Non-Destructive test over and above the material test along with results of the following components:
- Mechanical Seal- Manufacturer’s recommendation.
 - Replaceable Rubber liner- Shore Hardness, Class and Type certificate
- 12.2** Test certificates shall be issued for each lot of raw material used in the coating, Corresponding to specific weight and traction resistance.

13. MANDATORY SPARES:

Supplier to quote for below mentioned mandatory spares with break up price.

Sl.No	DESCRIPTION	QTY	UNIT	MATERIAL CODE
1	Impeller Assembly	1	EA	BA9789097026
2	Bearings	2	SET	BA9789097034
3	Shaft Assembly	1	SET	BA9789097042
4	Shaft Seal	1	SET	BA9789097050
5	Gear Box	1	EA	BA9789097069
6	Complete Agitator Assembly	1	EA	BA9789097077

Supplier shall quote for the “Mandatory Spares Part List”, and it will be considered for L1 evaluation. Mandatory spare parts items shall not be mixed with the supply of the main equipment parts. Spares shall be sent in pre-decided lots in containers/secure boxes, distinctly marked in red color with boldly written “S” mark on each face of the containers. The packing shall be sufficient for a minimum of 10 years storage in a dry weatherproof building. All spares shall be strictly inter-changeable. All the mandatory spares shall have same specification and quality plan.

14. PACKING:

The Agitator shall be wrapped in polythene bags & packed in a strong rigid wooden crate to prevent damages during transit and storage. Rain water should not enter into the internals during storage in the outer yard of power plant.

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- 15.1 SURFACE PREPARATION:** Commercial blast Swedish STD SA2.5
- 15.2 PRIMER COAT:** One coat of two component moisture curing zinc (ethyl) silicate primer coat. Dry film thickness (DFT) 50 microns.
- 15.3 INTERMEDIATE COAT:** One coat of epoxy (high build) paint. Dry film thickness (DFT) 100 microns.
- 15.4 FINISHED COAT:** Two coats of two pack aliphatic polyurethane paint shade: Grey white RAL 9002. Dry film thickness (DFT)=70 microns (35 microns * 2 coats).
- 15.5 TOTAL DFT –EXTERNAL SURFACE :** 220 microns
- 15.6 Colour shade for external surface:** Grey white RAL 9002.

16. SUPERVISION OF ERECTION, TESTING AND COMMISSIONING :

The erection of Agitators will be done by owner as per Erection Manual and check List. However, the bidder shall make one visit (7 Days) for the supervision of erection, precommissioning & post- commissioning check-up, start-up, testing and trial runs of all the items covered under the scope of supply. The bidder will be informed well in advance for the visit.

ANNEXURE-I**MILL CIRCUIT TANK WITH AGITATOR-WBM 2950: BA9789097000**

Sl.No	DESCRIPTION	VENDOR'S COMPLIANCE /DATA
1	Make	
2	Application	Top entry agitator to mill circuit tank
3	Tank Capacity (m3/hr)	
4	Shaft diameter (mm)	
5	Impeller diameter (mm)	
6	Impeller Tip speed (m/sec)	
7	No: of impellers	
8	Coupling Type	
9	Agitator speed (RPM)	
10	Motor Rating (KW)	
11	Motor speed (RPM)	
12	Gear Box	
13	MOC of impeller	
14	MOC of shaft	
15	GD^2 at motor end	
16	Noise level dB(A)	
17	Total weight of all components	

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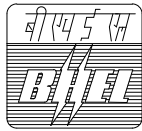
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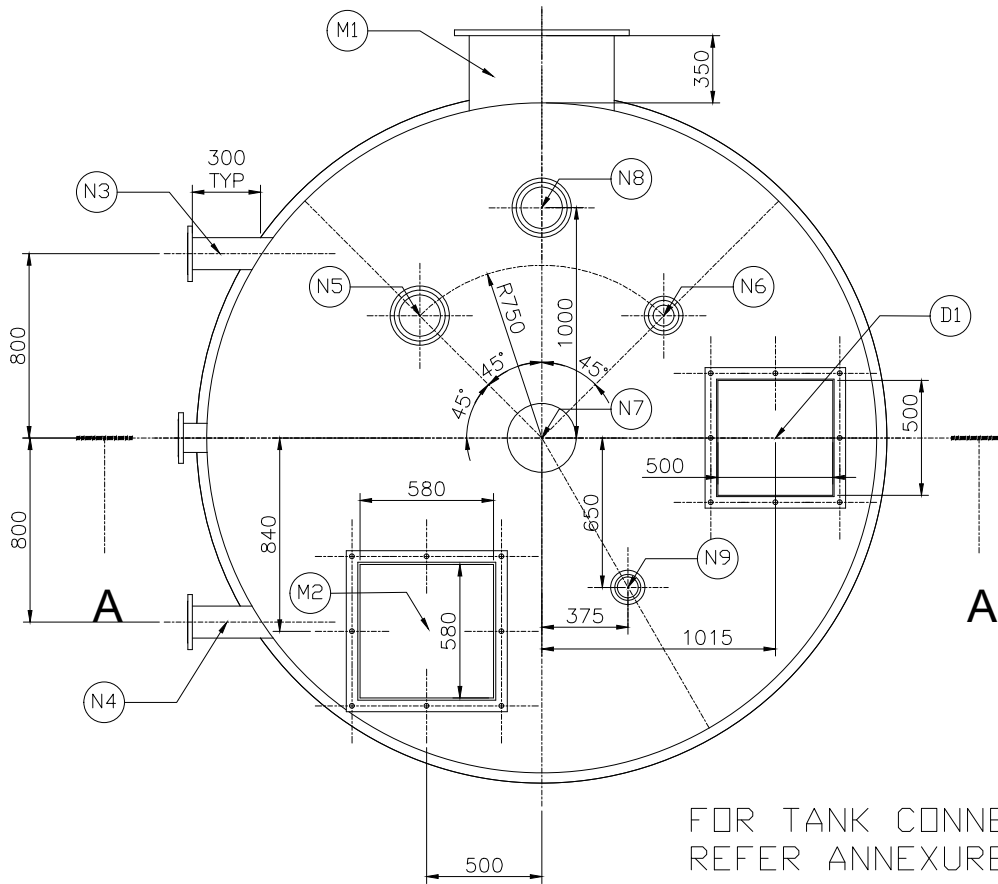
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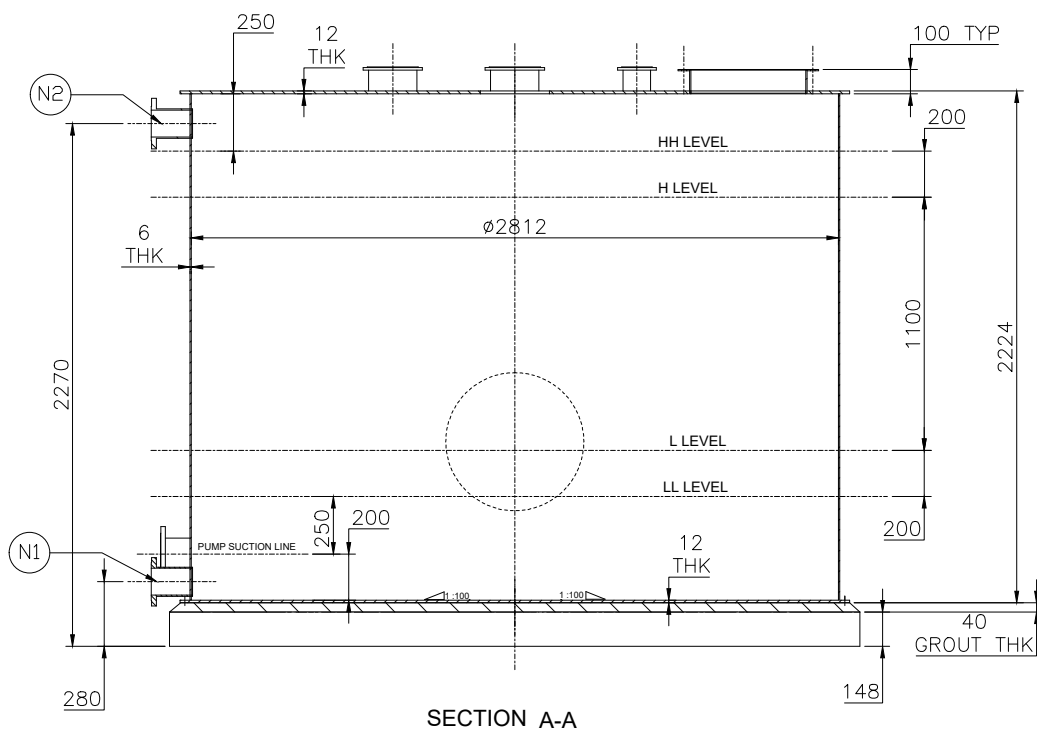


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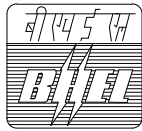
ANNEXURE-II



FOR TANK CONNECTIONS
REFER ANNEXURE-IV

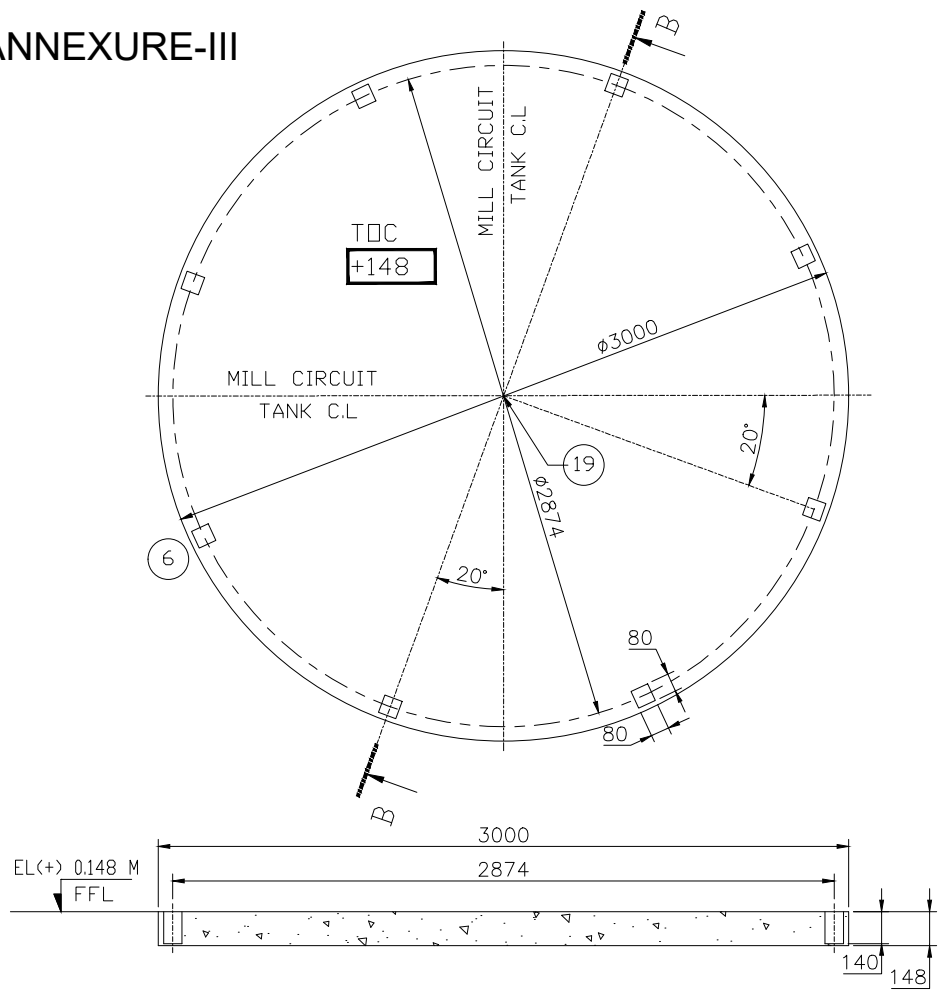


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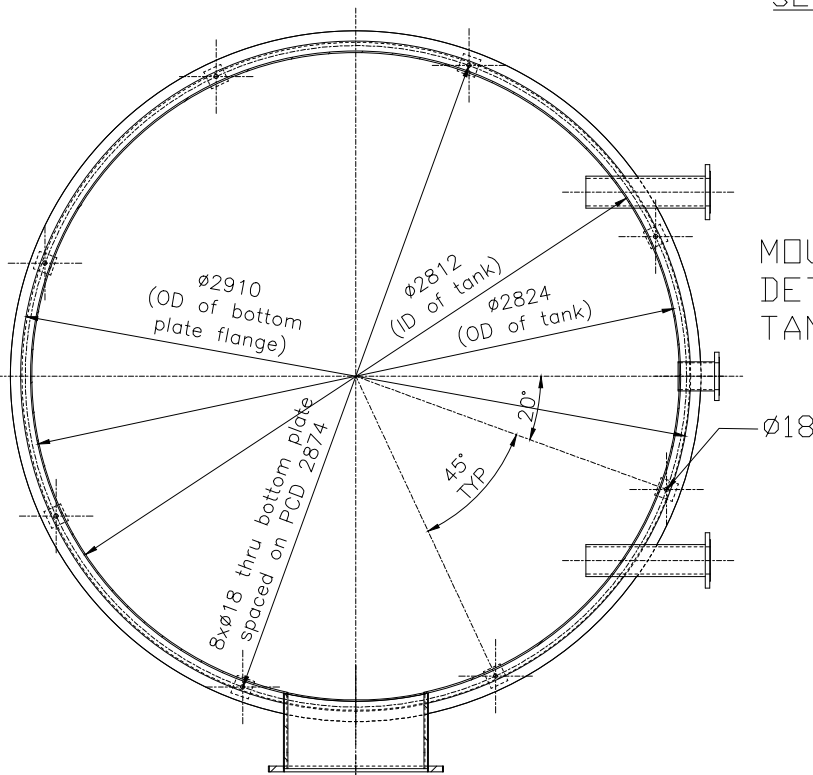


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ANNEXURE-III



SECTION : B-B



MOUNTING AND FASTENING
DETAILS OF MILL CIRCUIT
TANK



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ANNEXURE-IV

DETAILS OF MILL CIRCUIT TANK CONNECTIONS

Application	Description	Legend	Nozzle Size	Flange
Shell application	Drain	N1	DN100	ANSI B16.5 class 150
	Overflow	N2	DN100	ANSI B16.5 class 150
	Pump Suction-1	N3	DN100	ANSI B16.5 class 150
	Pump Suction-2	N4	DN100	ANSI B16.5 class 150
	Man Hole	M1	Ø 600	
Roof application	Hydrocyclone return	N5	DN200	ANSI B16.5 class 150
	Process water feed	N6	DN100	ANSI B16.5 class 150
	Agitator and accessories	N7	Ø 300	
	Spare Nozzle	N8	DN200	ANSI B16.5 class 150
	Level Gauge	N9	DN100	ANSI B16.5 class 150
	Man Hole	M2	580 X 580	
	Mill discharge port	D1	500 X 500	

ANNEXURE-V

SCHEDULE OF GAURANTEES

SL.NO	DESCRIPTION	UNIT	DATA
1	Possible rate of deposit of solid particles at tank bottom of total sold particle inflow/outflow	%	
2	Noise level at a distance of 1.0 meter from the equipment at site	dB(A)	85
3.	Life of Agitator components parts, from the date of commissioning <ul style="list-style-type: none"> ▪ Blade of the agitators shall be of stainless steel or Nickel alloy suitable to the service condition. In case, the vendor offers the Blade with Rubber lining' the guarantee life of Rubber lining of the Blade shall be minimum life ▪ Shaft should be of "Stainless steel" or "nickel alloy" 		24 months
	Anti-friction bearing		25000 Hrs

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DATE OF 1ST ISSUE

04.04.2022



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**SPECIFICATION FOR QUALIFICATION FOR PROCUREMENT OF
MILL CIRCUIT TANK WITH AGITATOR-WBM 2950**

Part-A

1.0 GENERAL:

This specification is intended to evaluate the Qualified Bidders technically and commercially for procurement of Mill Circuit Tank with agitator assembly in Wet Ball Milling System. The Bidder shall refer to the Technical Specification Document No.BA89097 for technical details.

2.0 QUALIFYING REQUIREMENTS:

2.1 The bidder shall be Original Equipment Manufacturer. The Bidder should be manufacturing these items at their principal works.

2.2 The bidder should have manufactured and supplied Mill Circuit Tank with agitator assembly of same or higher capacity for a wet ball milling system used in Flue Gas Desulfurization plant. The documentary evidence to be provided will be in the form of Material Receipt Certificate and Satisfactory performance certificate from the end user. Accordingly, necessary satisfactory performance certificates shall be submitted by the bidder.

The evidences shall be submitted in the following format.


Name of the site	Application	Slurry characteristics	Mill circuit tank Capacity and agitator rating	Date of supply
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Traders / stockiest / mediators are not allowed to quote. Only manufacturers who are having relevant facilities, proven process and experience will be considered for the supply.


3.0 PATENTS

Successful bidder must declare that no third party has raised any patent claim against Bidder with respect to the product up to the date of this agreement. Successful bidder must further

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<p style="text-align: center;">declare that in case such claims arise during the validity of this agreement, which cannot be settled with such third party, it will indemnify BHEL and make such efforts which bidder deems reasonable to make available to BHEL a technical and proven solution which will not violate such patent.</p> <p>4.0 ARBITRATION</p> <p>4.1 <u>Applicable Law:</u> This agreement is shall be construed and interpreted in accordance with the laws of India and shall have exclusive jurisdiction of Sangareddy/Hyderabad Courts, Telangana.</p> <p>4.2 <u>ARBITRATION:</u> All disputes arising in connection with the contract shall be settled by mutual consultation. If no agreement is reached the dispute shall be settled in accordance with the provisions of the Arbitration and Conciliation Act, 1996 and the rules made there under. The dispute shall be referred for arbitration to any arbitrator to be appointed by the Head of the Unit, BHEL, Hyderabad, Ramachandrapuram. The award of the arbitrator shall be final and binding on both the Parties. The venue of the Arbitration shall be Hyderabad in India. The Award to be given by the Arbitration shall be a speaking award and in English language.All questions, disputes, differences arising under, out of or in connection with this contract shall be exclusive jurisdiction of Sangareddy/Hyderabad Courts, Telangana.</p> <p>5.0 INSTALLATION AND COMMISSIONING:</p> <p>5.1 Operation and maintenance manual to be included in all supplies.</p> <p>5.2 The bidder shall express their willingness to assist BHEL during erection and commissioning, problem solving and training of end-users personnel at their Power Stations. The Bidder to quote separately the prices for the same.</p> <p>6.0 AGENTS</p> <p>6.1 BHEL shall deal directly with the manufacturer. However, if the foreign principal desires to avail the services of an Indian Agent, then the foreign principal should ensure the compliance to regulatory guidelines, which requires mandatory submission of an agency agreement.</p> <p>6.2 It shall be incumbent on the Indian Agent and the Foreign principal to adhere to the relevant guidelines of Government of India, issued from time to time.</p>							
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COPYRIGHT AND CONFIDENTIAL The information on this document is the property of BHARAT HEAVY ELECTRICALS LIMITED, It must not be used directly or indirectly in any way detrimental to the interest of the company.		<p>6.3 The agency agreement should specify the precise relationship between the foreign OEM / foreign principal and their Indian agent and their mutual interest in the business. All services to be rendered by agent/ associate, whether of general nature or in relation to the particular contract, must be clearly stated by the foreign supplier/ Indian agent. Any payment, which the agent or associate receives in India or abroad from the OEM, whether as commission or as a general retainer fee should be brought on record in the Agreement and be made explicit in order to ensure compliance to laws of the country.</p> <p>6.4 Any agency commission to be paid by BHEL to the Indian agent shall be in Indian currency only.</p> <p>6.5 Tax deduction at source is applicable to the agency commission paid to the Indian agent as per the prevailing rules.</p> <p>6.6 In the absence of any agency agreement, BHEL shall not deal with any Indian agent (authorized representatives / associate / consultant, or by whatever name called) and shall deal directly with the foreign principal only for all correspondence and business purposes.</p> <p>6.7 Registered agents will file an authenticated Photostat copy duly attested by a Notary Public/Original certificate of the Principal confirming the agency agreement and giving the status being enjoyed by the agent and the commission/ remuneration/ salary/ retainer ship being paid by the principal to the agent before the placement of order by BHEL.</p> <p>6.8 Wherever the Indian representatives have communicated on behalf of their principals and the foreign parties have stated that they are not paying any commission to the Indian agents, and the Indian representative is working on the basis of salary or as retainer, a written declaration to this effect should be submitted by the party (i.e. Principal) before finalizing the order.</p> <p>6.9 Tenderers of Foreign nationality shall furnish the following details in their offers:</p> <p>6.9.1 The Bidder(s)/ Contractor(s) of foreign origin shall disclose the name and address of the agents/ representatives in India if any and the extent of authorization and authority given to commit the Principals. In case the agent/ representative be a foreign Company, it shall be confirmed whether it is existing Company and details of the same shall be furnished.</p> <p>6.9.2 The amount of commission/ remuneration included in the quoted price(s) for such agents/ representatives in India.</p> <p>6.9.3 Confirmation of the Tenderer that the commission/ remuneration, if any, payable to his agents/ representatives in India, may be paid by BHEL in Indian Rupees only.</p>				
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<p style="writing-mode: vertical-rl; transform: rotate(180deg);"> COPYRIGHT AND CONFIDENTIAL The information on this document is the property of BHARAT HEAVY ELECTRICALS LIMITED, It must not be used directly or indirectly in any way detrimental to the interest of the company. </p> <p> 6.10 The supply and execution of the Purchase Order (including indigenous supplies/ service) shall be in the scope of the OEM/ foreign principal. The OEM/ foreign principal should submit their offer inclusive of all indigenous supplies/ services and evaluation will be based on 'total cost to BHEL'. In case OEM/ foreign principal recommends placement of order(s) towards indigenous portion of supplies/ services on Indian supplier(s)/ agent on their behalf, the credentials/ capacity/ capability of the Indian supplier(s)/ agent to make the supplies/ services shall be checked by BHEL as per the extant guidelines of Supplier Evaluation, Approval & Review. Procedure (SEARP), before opening of price bids. In this regard, details may be checked as per Annexure-B (copy enclosed). It will be the responsibility of the OEM/ foreign principal to get acquainted with the evaluation requirements of Indian supplier/ agent as per SEARP available on www.bhel.com. </p> <p> 6.11 The responsibility for successful execution of the contract (including indigenous supplies/ services) lies with the OEM/ foreign principal. </p> <p> 6.12 The offers of the bidders that are on the banned list as also the offers of the bidders, who engage the services of the banned firms, shall be rejected. The list of banned firms is available on BHEL website, www.bhel.com. </p> <p> 6.13 In any tender either the Principal/OEM or the Agent can bid but both cannot bid simultaneously in the same tender. Violation of this clause may attract penalty of banning business dealings with BHEL. </p> <p> 6.14 If an agent submits bid on behalf of the Principal/OEM, the same agent shall not submit a bid on behalf of another Principal/OEM in the same tender. Violation of this clause may attract penalty of banning business dealings with BHEL. </p> <p> 7.0 BACK UP GUARANTEES: </p> <p> 7.1 The successful bidder shall have to guarantee to BHEL the performance and reliability of the products. </p> <p> 8.0 QUALITY CONTROL AND DOCUMENTATION </p> <p> 8.1 Manufacturing quality plan shall be provided for approval. </p>							
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Part-B

MILL CIRCUIT TANK WITH AGITATOR FOR WET BALL MILLING SYSTEM
- Machining , assembly & testing facilities details.

Sl. No	Type of Machines	Quantity	Make	Size	Date of Installation	Distinct Features

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K PAVAN KUMAR

APPROVED BY
AMAN

DATE
31.03.2022



PRODUCT STANDARD

PULVERISERS HYDERABAD

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Part-C

STATEMENT OF COMPLIANCE

The vendor shall complete the following statement of compliance without which the offer will not be considered for evaluation:

STATEMENT OF TECHNICAL COMPLIANCE

FOR BA89097 Rev-00

CLAUSE NO.	CONFIRMATION YES/ NO	REMARKS.
1.0		
2.0		
3.0		
4.0		
5.0		
6.0		
7.0		
8.0		
9.0		
10.0		
11.0		

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PREPARED BY
K PAVAN KUMAR

APPROVED BY
AMAN

DATE
31.03.2022

