

BHEL's Query reply dated:24.04.2021
Tender Notification Number : T0AUX00027, NIT_58221, 2021_BHEL_3504_1
1X660 MW Bhusawal FGD Storage Tanks - Fabrication Works.

S.No.	Section / Part / Subsection	Page No.	Clause No.	Bid Specification	Bidder's Query	BHEL's Reply Dtd: 24.04.2021
1	PY-51681	11 of 17	3.2	The shell plates are bent and made to the courses(1st(bottom), 2nd, 3rd, etc as applicable) by completely welding and positioned to the internal diameter of the tank	Both statements are contradictory. First statement says complete shell shall be fabricated with vertical seam welding which is not correct practice also. We assume our scope is limited to cutting, edge preparation rolling, surface preparation and blasting only. Kindly confirm.	A) Bidder to consider in their scope S. No. A.2 Shell Plates - Marking, cutting, Bending, edge preparation of shell plates as per fabrication drawings by fabrication agency and the same shall be handed over to erection agency at site. Surface finishing, primer and first coat is also done by fabrication agency.
2	PY-51681	Annexure-14	Shell plates	Marking, cutting, bending, edge preparation of shell plates are fabricated as per fabrication drawings by fabrication agency and the same shall be handed over to erection agency at site.		B) Cl.No. 3.2 shall be ignored.
3	PY-51681	10 of 17	3.0(d)	Surface preparation, primer and first coat of plates shall be carried out at site as per Annexure -13	Hope inside surfaces for all tanks surface preparation and painting is not in our scope. Kindly confirm. Further as per this clause our scope is limited to supply and application of Inorganic Zinc silicate and intermediate coat of polyimide cured epoxy MIO only in our scope. Kindly confirm	All Storage Tanks except Process Water Tank A) Surface preparation, primer, first/intermediate coat of Inside and outside surfaces of all tanks as per Annexure-13 is in bidder's scope. B) Supply and application of the painting (primer & first / intermediate coat) as per Annexure-13 is in bidder scope. C) <u>Painting Spec:</u> i) External Surface: As per Annexure-13 ii) Internal Surface: Two coats of Red Oxide Zinc phosphate primer to IS: 12744 (As Lining is provided for inside surface of the tanks after erection, hence primer is only envisaged for metal surface protection till erection)
4	PY-51681	Annexure-13	39	Painting spec is given for outer surfaces.		Process Water Tank A) Surface preparation, primer, first/intermediate coat of Inside and outside surfaces of all tanks as per Annexure-13 is in bidder's scope. B) Supply and application of the painting (primer, first / intermediate coat) as per Annexure-13 is in bidder scope. C) <u>Painting Spec:</u> i) External & Internal Surface: As per Annexure-13
5	PY-51681	Annexure-1		Baffle plate thickness is not given in drawings	Kindly confirm baffle plate thickness.	Bidder to consider baffle plate thickness as thickness of bottom shell course of the respective tank.
6	PY-51681	Annexure-1	Waste water tank drawing	Inside lining is given as not applicable.	Kindly confirm whether surface preparation and painting is applicable or not for this tank. If it is applicable, kindly confirm painting specification	Bidder to note that Inside lining of the Waste water tank is applicable as per last row of the design data table of GAD of Waste Water Storage Tank, Dwg No. PYDG1M102840604. Surface preparation and painting (inner and outer surface) shall be as clarified above under Points Sl. No. 3 & 4.
7	PY-51681	Annexure-14	1 & 3	Fabrication of Bottom and roof plate	Please note no welding involved in fabrication of bottom and roof plate fabrication. We lay plates on ground as per the drawing, cut peripherally as per drawing, same will be dismantled and will be handed over to erection contractor after blasting and painting. Please confirm.	Noted and confirmed. However, bidder shall mark the numbering of bottom, shell and roof as indicated in fabrication drawing on the plates to facilitate erection agency.

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8	SCC	13	4.2.2.16	BHEL will make available of cranes (as per TCC) free of charge to contractor	There are no details about crane in TCC. Please confirm whether BHEL will arrange crane at free of cost for fabrication or not	Refer Cl. No. 3.2.11 of Technical Specification for Fabrication of FGD Storage Tanks, Doc. No. PY-51681, Rev00, All the necessary required machinery, tools & tackles, consumables etc., for carrying out the above fabrication activities to be ensured by the bidder before start and upto completion. Hence, bidder to arrange cranes for carrying out the fabrication works of FGD storage tanks.
9	GCC	9 of 41	1.10.2	Total amount of security deposit shall be 5% of contract value	Both statements are contradictory. Further as per government notification after covid, security deposit shall be 3%. Kindly confirm	Provisions of Govt. OM regarding reduction of Security Deposit(SD) to 3% in view of COVID-19 pandemic has not been implemented for this project of BHEL as of now. The said OM is under consideration of BHEL Management. If any decision is taken by BHEL Management for implementation of the same, suitable corrigendum (if done before opening of techno-commercial bids) will be published to this effect or L-1 bidder will be given benefit of reduced security deposit (if decision is taken after opening of techno-commercial bids). Since the reduction mentioned above is not implemented as of now, Security deposit shall remain 5% as specified in GCC. Recovery @ 10% of running bill value is applicable only in case the contractor submits 50% SD as initial SD and opt for recovery of balance 50% from their running bills. In this case once the recovery reaches full value of SD, further recovery shall not be made by BHEL.
10			1.10.3(vi)	Security deposit can also be recovered @10% of gross amount		
11	GCC	39 of 41	2.22.2	Balance 50% of retention amount to be retained towards performance guarantee of workmanship and shall become refundable after expiry of guarantee period	Our scope is fabrication of material alone and hence performance guarantee of workmanship is not applicable. However guarantee period time also not mentioned in GCC.	Please follow the tender specification. Deviation is not allowed. As per clause no. 2.24.1 of GCC, Guarantee period is twelve months from the date of commencement of guarantee period as defined in Technical Conditions of Contract.

Additional Clarifications

1	Annexure-1	—	All Storage Tanks Except Process Water Storage Tank	—	—	The storage tanks are provided with lining except process water tank. This lining requires smooth surfaces inside the tank. Following to be considered in bidder scope: 1) Marking, cutting of backing strip for bottom and roof plates are in bidder's scope. This backing strip to be provided for butt-welding joints of bottom and roof plates to obtain smooth surfaces inside the tank. 2) Corner Plater are required at the bottom shell course to bottom plate and top shell course to the roof plate to obtain smooth surfaces inside the tank.. Marking, cutting, bending and edge-preparation of these corner plates are in bidder's scope.
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