

BHEL PSSR SCT DEPT

CHENNAI

Corrigendum-2,dt:10/6/2016 for the Tender Specification BHEL PSSR SCT 1625

BHEL's clarifications are furnished below against some of the bidder's query sought vide letters/email for the Tender Specification BHEL PSSR SCT 1625-Civil, Structural & Architechtrual Works of 1X370 MW Yelahanka CCPP at Yelahanka, Bengaluru, Karnataka

Sl.No.	Ref. Clause No.	Tender Provision	Bidder's Query	BHEL Reply
1	Part C: Bill of Quantites (BOQ) Item No. A902	Teak Wood Frame	Item Description not clear. Please provide the detailed item description.Item No. 901 is also for Teak Wood frame. Please Clarify	Item description to be read as follows: Providing and fixing teakwood frame "teak veneer faced ply wood" panel door shutter as per IS 1003 with 35 mm x 150 mm vertical rail & 35mm x 125 mm horizontal rail and 12 mm thick interlocked panels of teakwood with proper wood joinery including beading, preperation of working drawings,godrej or equivalent make mortice lock with handles on both sides,approved ISI mark anodised fittings like door stopper,300mm long tower bolts,16x300mm long aldrops ,125mm long handles on both sides etc. butt hinges, sliding bolt ,knobs, (all fitting shall be anodised aluminium color dyed), screws, primer and finish painting / polishing etc. all complete.
2	Part C: Bill of Quantites (BOQ) Item No. 2313	Addition to, alterations in and/or modification of.....	Item Description not clear. Please provide the detailed item description.	Item description to be read as follows: Addition to, alterations in and/or modification of "Erection Marks" including cutting of parts, gauging of welds, cutting, grinding, fabrication, welding, drilling holes, straightening, removal of bends, raising to the required level, painting, transportation, return of unutilised steel pieces to the project store, temporarily dismantling, cutting, re-welding, supporting and restoring to correct position of all the temporarily dismantled members, realignment of adjacent connected members (weight of such temporarily dismantled and adjacent members not payable) etc all complete for the following:
3	Part C: Bill of Quantites (BOQ) Item No. 2314	Re-erection of dismantled fabricated structural steel members including carriage of modified.....	Item Description not clear. Please provide the detailed item description.	Item description to be read as follows: Re-erection of dismantled fabricated structural steel members including carriage of modified "Erection Marks" from the field fabrication shop to erection site, lifting to required posiion, aligning in position, tack welding, fiOl welding and touch up painting including temporary dismantling and re-erection of temporarily dismantled members, cutting, rewelding, supporting and restoring to the correct position of all temporarily dismOtled members, re-alignment of adjacent connected members(weight of such temporarily dismantled members and adjacent members not payable), scaffolding, staging, tools & tackles, gas cutting, welding, consumables etc all complete.

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Sl.No.	Ref. Clause No.	Tender Provision	Bidder's Query	BHEL Reply
4	Part C: Bill of Quantites (BOQ) Item Ref. No.111	Supplying and Filling Sand	Yellow Sand/River Sand is not available (banned in Karnataka), Filling will be done with morrum /Manufactured Sand (M-Sand). Please Confirm. Since the mining of minerals (sand and clay) is banned in Karnataka State,avaiability of natural sand shall be scarce.Hence you are requested to allow manufactured sand and fly ash bricks in this scenario.	Tender condition prevails.
5	Part C: Bill of Quantites (BOQ) Item No. 200/Concrete Work.	All works related to Concreting (PCC & RCC) Works.	Yellow Sand/River Sand is not available (banned in Karnataka). Small quantity (One or Two Trucks) of Yellow Sand/River Sand may be available but in illegal way. Hence Manufactured Sand (M-Sand) only will be used in all types of PCC & RCC works under item Sl.No. 200 otherwise work progress at site will be totally hampered and even in a stand still condition. Please Confirm. Also please note that during site visit at Yelahanka it is observed that in all Industrial projects Manufactured Sand(M-Sand) only is being used for production of any grade of concrete (upto M-40).	Tender condition prevails.
6	General	All types of works involving Sand viz. Concrete Flooring, Brick Work, Under Bed, Plastering and other works in the BOQ where Sand to be used.	Due to the above reason as mentioned under Sl.No. 4 above, Manufactured Sand (M-Sand) will be used. Please Confirm.	Tender condition prevails.

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Sl.No.	Ref. Clause No.	Tender Provision	Bidder's Query	BHEL Reply
7	Item No. 2601 (Levelling & Grading)	Cutting of Trees	In the work site mainly in NDCT, Raw Water Reservoir etc.It is observed that there are many big trees in that areas. Those Big trees will be cut,Uprooted and disposed off by the Customer(KPCL). Please Confirm. For small trees upto girth 300mm, for cutting all necessary approval from the statutory/concerned department will be taken by the Customer (KPCL) and B&R will assist only. Accordingly, this item will be amended as "Cutting of Trees having girth upto 300 mm.....". Please Confirm.	Tender condition prevails. Bidder to quote as per BOQ.
8	General	Tender Drawings	Plan and Sections of T.G Building may please be provided. Tender Drawings for other buildings (Plan & Sections) may also please be provided.	Drawings will be provided during execution stage.
9	General	Tender Submission Date	As already requested vide our earlier correspondance we once again request you to kindly reschedule the date of submission of Bid upto 24.06.2016 for compilation and submission of our most competitive offer for the subject work. We trust the Bid submission date will be extended upto 24.06.2016. Please Confirm.	Please refer Corrigendum-1,dt:6/6/2016
10	General	Tender Submission Date	Kindly refer to our earlier mail wherein we have requested for time extension for preparations of fair rates . You are requested to extend the date of submission of tender for minimum 15 days. The request is being made on the ground that natural sand is not available in the area.you are therefore requested to allow the use of m sand in total for concreting work.	Please refer Corrigendum-1,dt:6/6/2016 for due date for tender submission
11	General	Labour colony	The accommodation of labour is difficult to find in the nearby area which would be a major issue during execution of work. Considering the above stated factors, we request for accommodation of labour force inside the plant premises.	Tender condition prevails
12	General	Stuatory Authority clearance	If the clearance from "Pollution Control Board" is required for establishment & running of batching plants it shall be obtained by BHEL	Tender condition prevails

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Sl.No.	Ref. Clause No.	Tender Provision	Bidder's Query	BHEL Reply
13	General	BOQ Weightage	<p>It has been observed that the percentage weightage allocations to various items are unbalanced which makes the rate of several items either high or low,therefore you are requested to withdraw the percentage weightage,or review the percentage weightage of each item on the basis of market valuation and also incorporate the rate revision clause for each individual item beyond BOQ limits.</p> <p>1) Bill of Quantities: As per the provision of tender, the bidder has to quote the total amount for the project instead of quoting for individual items. The unit rate will be derived by BHEL based on the "weightage for amount of each item" factors provided in the BOQ. However, the weightage for amount for various major items provided in the BOQ are not in par and proportion to the present market rate. When we convert the total amount into unit rate of each individual item based on the guidelines for conversion provided in the documents, the major controlling items like concreting, form work, reinforcement, structural steel, plastering, brick works etc are becoming highly unworkable rates. It is very obvious that the contractor will have to go through the stiff negative cash flow while operating these items and the work is expected to be suffered to the large extent. In addition to this, any increase in the quantities of the above said items and decrease in quantities of other items where the unit rate is with workable rate, will certainly add further financial woes to the contractor since the quantity variation of 15% is for overall variation and there is no provision for covering individual item variation. Therefore, we request you to revise the weightage component as per the present market rate or modify the BOQ to item rate basis which is much better option.</p>	Tender condition prevails
14	Contract period	Contract period	<p>When the tender has floated in the month of Feb – 2016, the contract period for the project was 24 months and the same has been reduced to 20 months now, which is very surprising. As per our experience, the duration required to complete this project is not less than 28 months. It is highly difficult to complete the job within 20 months, no matter which contractor bag the order. You are requested to be pragmatic and change the contract period to 28 months.</p>	Tender condition prevails

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Sl.No.	Ref. Clause No.	Tender Provision	Bidder's Query	BHEL Reply
15	General	M sand	<p>M sand: Kindly clarify whether 100% M sand is allowed to use for concreting as well as plastering, filling and brick work. The supply of river sand is very erratic in Karnataka and the present rates are too high. The rate of river sand is increasing day by day and it is not tenable to use the river sand.As you aware that we are doing Underground Metro Rail Projects for BMRCL in Bangalore and BMRCL has approved to use the M sand for all the structures as well as for filling, plastering and block works by replacing 100% river sand since two years due to the practical difficulties the contractor has faced in procuring the river sand. M sand is being even used for M 60 grade concreting also.</p> <p>In case BHEL is not clarifying the type of sand is to be used in the bidding stage itself, the bidder will be in a dilemma for which material is to be considered and obviously we will bound to consider the river sand rate which is 3.5 times more than the M sand and the cost of the project will go up.</p>	Tender condition prevails
16	General	Space for construction of labour colony:	<p>You are requested to provide the space for construction of labour colony inside the plant boundary. Since, the project is in urban area, getting empty land in the vicinity of the project is highly ruled out and we need to make the labour camp outskirts of the city only. The labour productivity will reduce drastically in case the camp is situated far from site due to the time required for traveling. We also need to spend hefty amount towards labour transportation as well as rent for land lease in addition to the low productivity. This is the practical difficulties we have faced in executing the metro rail projects. Therefore, you are requested to allow the labour colony inside the plant.</p>	Tender condition prevails
17	General	Tender Submission Date	<p>Further, the time allowed for submission of tender is very less. Therefore, we would like to implore upon you that the date of submission of tender please be extended till 21st June 2016 and oblige.</p>	Please refer Corrigendum-1,dt:6/6/2016

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Sl.No.	Ref. Clause No.	Tender Provision	Bidder's Query	BHEL Reply
18	TCC Chapter VI, CL.1.6.1	Time Schedule	Compared to earlier tender (SCT 1603), the scope of this revised tender is enhanced by adding Civil works of IDCT... However, the completion time is reduced to 20 Months from 24 months.. Taking into account the increased quantum of works to be executed in this package, the completion time shall be more than 24 months.. Please consider minimum 24 months as completion period.	Tender condition prevails
19	Vol-IA PART – II Chapter-1	Price Variation(PVC)	It is requested to allow price variation throughout the contract period and extended period for labour, HSDO and other material	Tender condition prevails
20	GCC Cl. No. 2.7.9	Liquidated damages	The max. LD should be up to 5 % of the CV	Tender condition prevails
21	BOQ Item no. 111,1801,1806, 2426,2427,2805, 2840	Supplying and filling sand.....	Kindly confirm which sand (River sand or M sand) will be used.	Tender condition prevails
22	General	BOQ Weightage	We would like to recall our above referred letter wherein we have asked clarifications for certain clauses of the tender documents for which we are still awaiting BHEL's response. Further, we would like illustrate the impractical weightage assigned by BHEL in arriving the unit rate for various items which is way below the workable rates. Considering the approximate total cost of the project as Rs. xx Crores, the comparison statement of the unit rate for major items as per BHEL's weightage and bear minimum unit rate required against those items as per present market price are considered.It is highly impossible for any contractor to perform in a negative cash flow while executing the major controlling items of the project. Therefore, we are once again requesting you to revise the weightage component as per the present market rate or delete the weightage factor.	Tender condition prevails

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Sl.No.	Ref. Clause No.	Tender Provision	Bidder's Query	BHEL Reply
23	General	BOQ Weightage	<p>This is regarding Tender for the work of " Civil, Structural and Architectural works of Main Plant, Raw Water Reservoir including Roads& drains and IDCT at 1x370 MW YELAHANKA COMBINED CYCLE POWER PLANT, YELAHANKA, BENGALURU, KARNATAKA STATE"</p> <p>Against Sl.No 2308 of Price Bid -" Supplying, fabrication, erection and alignment of factory made galvanised welded grating units with mild steel including Painting, Fittings etc " . The amount Weightage considered as .0014647 by BHEL and we feel that the % considered is not correct . Since, the supply of Gratings also to be done vide this Item.</p> <p>We request your good selves to re-check the same at your end and modify the Weightage factor accordingly.</p>	Tender condition prevails
24	<p>Additional Query Item Ref. Nos- 2418 & 2419 Item Ref. Nos- 2806,2807,2808,2809,2810,2811,2812</p>	PCC & RCC of all grades as per BOQ	<p>Yellow Sand/River Sand is not available (banned in Karnataka). Small quantity (One or Two Trucks) of Yellow Sand/River Sand may be available but in illegal way without papers which is not acceptable.Hence, Manufactured sand(M-sand) only will be used for production of all types of PCC & RCC works. Please confirm this before submission of offer for this tender.</p> <p>It is observed that in all industrial/infrastructural works in and around Bengaluru manufactured sand(M-sand) only used/is being used for production of PCC and RCC of any grade.</p>	Tender condition prevails.Bidder to quote as per BOQ

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Sl.No.	Ref. Clause No.	Tender Provision	Bidder's Query	BHEL Reply
25	Item No. 1001,1002,1003	Brickwork	<p>Clay bricks (Red bricks) of good quality and required strength as per BOQ is not at all available for such a large quantity as given in the BOQ.Hence in order to avoid any hamper in work progress during execution and to maintain the desired progress of work we proposed that cement concrete solid blocks(As given in item no 2837) of suitable sizes (400x200x200/400x200x150/400x200x100mm) will be used for this items in lieu of burnt clay bricks.</p> <p>Please confirm and ammend these items accordingly.</p> <p>Please note it is observed during site visit at Yelahanka that blocks are normally used here in lieu of red bricks and good quality concrete blocks are available in large quantity in this region.</p>	Tender condition prevails.Bidder to quote as per BOQ
ALL OTHER CONDITIONS REMAIN UNCHANGED				
				AGM/SCT