

TENDER SPECIFICATION

BHEL: PSSR: SCT: 1490

FOR

Civil including Architectural work and Structural steel work for unit- 3 of 1 x 700 MW

at

Bellary Thermal Power Station, Kudatini,
Bellary Dist, Karnataka

CORRIGENDUM-2



BHARAT HEAVY ELECTRICALS LIMITED

(A Government of India Undertaking)

Power Sector – Southern Region

690, Anna Salai, Nandanam, Chennai – 600 035.

CORRIGENDUM-2 TO TENDER NOTICE BHEL PSSR SCT 1490,dated:3/2/2012

Some of the bidders sought clarifications vide letters or in Pre Bid discussion held on 30.01.2012 at BHEL PSSR Regarding Bellary 1x700MW Civil and Structural Works Tender Specification BHEL PSSR SCT 1490 and clarifications are furnished below for your information

S.No	Ref No	Bidder's Query	BHEL Reply
1		As per clause no.5, consortium partner may enter into consortium agreement with other prime bidders. Considering the above, it is very difficult for the consortium bidder to provide the bid margin for various prime bidder along with bid. Hence we request you to accept the bid margin after the award of the contract	Refer the attached "REVISED CONDITIONS FOR PQR"
2	Construction Schedule	As per milestones structural steel erection works are started before completion of foundation works. Hence request you to revise the milestone dates. We request you to consider that the date of start shall be from the date of commencement and not from the date of LOI.	Commencement of structural erection is to be progressively inline with release of foundation works.hence no to be linked to completion of foundation work.tender is in order. Existing:Activity ->START FROM ISSUE OF LOI To be read as date of commencement of work at site
3		Vol 1A (part II): Attached the technical specification issued by the client of BHEL related to the design and build contract.Since this package is based on item rate contract, request you to issue the specification pertaining to the item rate contract.	Design is in BHEL scope.Bidders are requested to refer the relevant clauses pertaining to site execution .
4		Space for batching plant is not mentioned and do confirm for water and power as well.	Within the plant premises
5		Electricity-duties and deposits including statutory clearances: we understand that this will be in the scope of client. Please do confirm.	Refer "facilities scope" Chapter III of TCC.It is in bidders scope
6		Please mention the capacity of batching plant and we understand that 8 nos. of transit mixers are enough for each package. Please do confirm.	Batching plant of Suitable capacity and required no.of transit mixers are to be arranged as per tender conditions
7		Clause no. 2.4 (SCC) : Since this package involves only civil and structural works, all the trial run and commissioning is under BHEL scope. Please confirm.	Plant Equipment commissioning is not under civil scope
8		2.8.19 of GCC : Upper limit of time duration for stoppage should please be specified. We shall be suitably compensated for both cost and time if stoppage continues over that limit	Tender conditions prevail
9		2.18.2 of GCC: it is The sole responsibility of the contractor to insure his materials equipment workmen etc. We presume contractor ALL risk policy/Erection all risk insurance shall be BHEL scope (insurance for the permanent work)	Insurance for permanent work is in BHEL's Scope as per the CL 2.18. in GCC.

S.No	Ref No	Bidder's Query	BHEL Reply
10		2.8.13 of GCC: For work outside the scope of this contract, the rate shall be considered after mutual agreement only since the rate will depend on the complexity of nature of work, time, approach etc.	Tender conditions prevail
11		2.12.3 of GCC : We request you not to put any limit for ORC considering that our security is locked up for longer duration (extended period) and the site establishment cost .	As per tender conditions only. ORC: bidder to note that submission of form 14 in every month is a must. failing which risk will be to the account of contractor.
12		Refund of retention amount: clause 1.6.3.1 (5) specifies that the balance 5% shall be released after completion of work. Please clarify.	clause 1.6.3.1 (5) may be read as: The balance 5% shall be admitted after completion of the work. However the retention amount will be as per relevant clause In GCC
21	Cl. No. 1.3.10 of TCC	Location of land for site office, cement godown, store, batching plant, construction materials stack yard, reinforcement steel fabrication yard, structural steel fabrication yard with approx distance from main power house building shall please be provided to us on Plot Plan Drawing	As per tender conditions only. The open space as per CL 1.3.10 of TCC will be provided within the the plant premises.
22	Cl. No. 1.3.1.2 of TCC	Graded land for the above infrastructures works shall be provided by BHEL. Please confirm	As per tender conditions only. The open space as per CL 1.3.10 of TCC will be provided within the the plant premises. Grading is in contractors scope.
23	1.3.1.2 of TCC	Land for labour colony shall be provided by BHEL free of cost and charges and all incumbrances. Location/distance of land for labour colony from the work place may please be specified.	Tender conditions prevail
24	1.3.12	Location / distance for water connection for constrction and drinking purpose to be provided by BHEL, free of cost nearest to work places	Tender conditions prevail
25	1.3.11	Please provide the location/ distance of adequate contruction power points to be provided by BHEL free of cost nearest to work places	Tender conditions prevail
26		Inside plant boundary all access roads for heavy vehicular movement shall be provided by BHEL - please confirm	Tender conditions prevail
27	1.3.13 of TCC	All BHEL's free issue materials shall be delivered at site. Please confirm	Tender conditions prevail

S.No	Ref No	Bidder's Query	BHEL Reply
28	2.7.9 of GCC	LD shall be levied at 0.5% per week or part thereof for delay subject to maximum of 5% of total contract price irrespective of time of delay. Please confirm and amend the clause accordingly	As per tender conditions only. maximum LD leviable is 10% as per cited clause in GCC
29	5.8 of SCC CH-V	Pl. confirm that E.S.I. is applicable or not for this project	WC is Prevailing at site.
30	1.6.2 of TCC	Interest free mobilisation advance at 10% of total contract value shall be paid to us on submission of Bank Guarantee of equivalent amount. The recovery of the said Mobilisation advance shall be made on prorata basis from each R.A. bill till the entire advance amount is adjusted - pl. confirm	As per tender conditions only. Maximum mobilisation advance is 5% as per cited clause in TCC
31	1.9.1 of TCC	Pl. confirm that whether MS flats shall also be issued as free issue material from M/s. BHEL. If it is cutting / fabricated from plate, please specify the % of flat section involved for each plant for calculation of input cost for cutting	Refer clause 1.3.13 in TCC for material supply. Clause 1.9.1 of TCC is for accounting the material issue.
32	2.12 of GCC	If the contract is delayed due to no fault of contractor, contractor shall be suitably compensated by over run charges for their fixed cost expenses. Pl. confirm.	As per tender conditions only. ORC: bidder to note that submission of form 14 in every month is a must. failing which risk will be to the account of contractor.
42	Performance Evaluation of bidder	Kindly clarify BHEL's performance evaluation is applicable to the first timer or not	Yes Applicable as per format enclosed to this corrigendum.
43		Request to provide bid bond format	Refer the attached "REVISED CONDITIONS FOR PQR"
44		Request to open the price bid in conventional method instead of reverse auction. Otherwise BHEL can insist the successful bidder in RA should submit a BG equivalent to the amount of Rs_____ (= base price in RA - final awarded price in case it is less than the base price) to ensure their performance.	Tender conditions prevail
45		Requested to extend the bid submission date by minimum 7 days to a maximum of 3 weeks	The revised due date for tender submission is as below: Date & time of tender sale closes: 13/2/2012, 15.00hrs Date & time of tender submission : 14/2/2012, 15.00hrs Date and time of Technical bid opening: 14/2/2012, 15.30hrs
46		Kindly confirm, bid margin is not required to be submitted by Prime bidder. Full Bid margin of Rs.4.5 Crs is to be submitted by Consortium Partner.	YES & Refer the attached "REVISED CONDITIONS FOR PQR"
47		Bid margin of Rs.4.5 Crs is too high to be submitted by Consortium partner. Kindly reduce it to below Rs.1 Cr and remaining can be taken as SD. Kindly provide bid margin BG format. Kindly specify the bid margin for PQR - 2.2, 2.3, 2.4 separately since the quantum of work is varying.	Refer the attached "REVISED CONDITIONS FOR PQR"

S.No	Ref No	Bidder's Query	BHEL Reply
48		PQR: We request you not to restrict the experience in the relevant field (like power, steel, cement, petrochemical and paper industries) in Clause A-1 and allow other industrial projects also	Refer the attached "REVISED CONDITIONS FOR PQR"
49	PQR	1. We presume that we can take fabrication from different projects and erection from different projects 2. We presume that duration for fabrication and erection can be independently veiwed and considered (like fabrication one calender year & erection in another calender year)	1. YES 2. YES
50	Volume 1A,part II,TCC	CL :d of 6.02,earth work measurement: soil,soft rock and hard rock are mixed,the measurement shall be done as follows.The soft and hard rock shall be removed from the excavated material and stacked separately and measured in stacks.The net quantity of each type of rock shall be so arrived by applying a deduction of 50% for looseness/voids in stacks.The difference between the entire excavation and the sum of the quantities of soft and hard rocks so arrived shall be taken as soil.We presume that deduction voids mentioned is very much higher side.Request you to consider 30% instead of 50%	BOQ Items is clear, will be measured as mentioned in the BOQ as 50%.
51	Time Schedule	Completion period of 20 months for this scope of work is too less. Kindly revise it to atleast 30 months.	Tender conditions prevail

S.No	Ref No	Bidder's Query	BHEL Reply
52	VOL-1A, 1.7.4, Part-1, Chapter- VII	New Levies / Taxes & Statutory variations Any other taxes and duties (except VAT & Service Tax) if any, as applicable, viz. Entry Tax, Octroi, Licenses, Deposits, Royalty, Stamp Duty, other charges / levies, etc. prevailing / applicable on the date of opening of technical bids and any variation thereof during the tenure of the contract are in the scope of bidder. BHEL shall reimburse the same at actual.	The tender specification is clear
53	VOL-1A, 1.7.1.1, Part-1, Chapter- VII	In civil works, as transfer of property in goods is involved, Works Contract Tax under VAT Act as applicable shall be included in the quoted price by you. You shall get registered with State VAT authorities and the Registration certificate should be forwarded to BHEL immediately after commencement of work. 1. Whether WCT / VAT is in Composite Scheme or Regular Scheme. 2. Please mention total free issue material Value / Amount for WCT / VAT calculations.	Q1 – Method to be adopted is at the discretion of the contractor. However any disallowance / extra liability to BHEL on account of contractor's defaults shall be to the contractor's account. Q2. Issue not relevant to VAT.

ALL OTHER CONDITIONS REMAIN SAME

AGM/CONTRACTS

Performance certificate to be submitted by bidders who have not been working with any of the four BHEL Regions in the last 12 months previous to the latest date of bid submission.

Performance of the Agency XXXXXXXXXXXXXXXX in Project XXXXXXXX

Name of the Agency :

Address of the agency :

Work Order issued :

Construction of Civil works / Civil and Structural works in Project XXXXX under work order dated xx.xx.xxxx under reference number / Lol number XXXXXXXXXXXX for the scope of XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX. (Copy of work order issued enclosed)

Duration of work as per contract without extended periods : XX months

Time taken for actual completion of works : XX months

(Actual completion of works will mean the completion of contracted works enabling the intended purpose of contract, and not necessarily the closure of contract)

Delays in execution of works attributable to contractor : XX months

Performance of the Contractor in the referred works :

Sl.No.	Description of Parameter	Max. Marks	Please enter your score here	Remarks, if any
01	Performance – Technical performance with respect to plan, progress achieved and organization of works at site and HQ	45		
02	Resources – Capacity to plan, organize and utilize the resources like skilled manpower, T & P, Consumables	20		
03	Management of Finance for the project	7		
04	Compliance with Safety requirements	10		
05	Compliance with Quality requirements	10		
06	Site infrastructure and services	8		
	Total	100	"X"	

Total score of the Agency XXXXXXXXXXXXXXXX in work above is (in words)

Signature
Name and the
Seal of the issuing
Authority

Note:

The average marks scored by the bidder in the qualifying works should be above 60% for qualifying the bidder against tendered work.

For Ex: A2.1 there is two projects with score say x_1, x_2

A2.3: there is two projects with score say x_3, x_4

Consortium for A2.2, A2.4 or standalone bidder,

Then score for A2.2 say x_5 ,

Then score for A2.4 say x_6

Total score= $x_1+x_2+ x_3+x_4+ x_5+x_6/6$ (No of projects)>60

Further to this BHEL reserves the right to obtain feedback from customer directly and any adverse report from respective customers on the performance of the bidder will render the bidder liable for rejection.

Annexure to corrigendum-2
BELLARY UNIT-3,1x700MW Civil works

REVISED CONDITIONS for QUALIFICATION CRITERIA:-

Existing	Revised
A) Technical Qualification Criteria: Bidder should have executed the following in India in Power/Industrial Projects like steel, cement. Petrochemical and paper industries in the last seven years preceding the latest due date of bid submission.	A) Technical Qualification Criteria: Bidder should have executed the following in in Power/Industrial Projects in the last seven years preceding the latest due date of bid submission.
13. THE CONSORTIUM PARTNER(S) SHALL SUBMIT IN THE FORM OF BG DIRECT TO BHEL ALONG WITH THE OFFER A TOTAL OF RS _____ (SHALL BE FIXED BY FINANCE DEPARTMENT) AS BID MARGIN AMOUNT IN ADDITION TO THE SD TO BE SUBMITTED BY THE PRIME BIDDER FOR THE TOTAL CONTRACT VALUE.	13. THE CONSORTIUM PARTNER(S) SHALL SUBMIT SD EQUIVALENT TO 2% OF THE TOTAL CONTRACT VALUE IN ADDITION TO THE SD TO BE SUBMITTED BY THE PRIME BIDDER FOR THE TOTAL CONTRACT VALUE. THE 2% SD MAY BE REMITTED INLINE WITH CLAUSE 1.10 IN GCC.
17. THE VALIDITY OF BG FOR BID MARGIN AND /OR CONSORTIUM AGREEMENT SHALL BE SIX MONTHS INITIALLY WHILE SUBMITTED ALONG WITH OFFER AND THE SUCCESSFUL BIDDER SHALL EXTEND THE SAME UP TO THE CONTRACT PERIOD. BG SHALL BE SUBMITTED IN A SEALED COVER SUPERSCRIBED AS "BG FROM ASSOCIATE" ALONG WITH THE OFFER.	DELETED

TECHNICAL CONDITIONS OF CONTRACT (TCC)

CORRECTED PQR

Bellary unit-3,1x700MW QUALIFICATION CRITERIA:-

I. CIVIL AND STRUCTURAL WORK including STG foundation:-

A) Technical Qualification Criteria: Bidder should have executed the following in Power/Industrial projects in the last seven years preceding the latest due date of bid submission.

1 Bidder should have completed

1.1 One (1) civil or civil and structural work of value not less than Rs **185 crores**
(OR)

1.2 Two (2) civil or civil and structural works each of value not less than Rs**115crores**
(OR)

1.3 Three (3) civil or civil and structural works each of value not less than Rs **90crores**

AND

2 Bidder should have

2.1 Executed minimum Concrete quantity of **30200CUM** within a period of twelve consecutive months in one or cumulative of two concurrent contracts in Power/Industrial projects.

2.2 Completed and handed over for Mechanical erection of STG Deck of one unit of minimum capacity **400MW** in a Thermal Power Plant.

2.3 Executed Minimum structural steel fabrication and erection of **8600 MT** each within a period of twelve consecutive months in one or cumulative of two concurrent contracts in Power/Industrial projects.

2.4 Certificate of Completion of fabrication and erection of atleast one Mill Bunker in one unit of minimum capacity **400MW** in a Thermal Power Plant.

Note-1: The term "Executed" in QR 2 above means: the bidder should have achieved the criteria specified in the QRs above even if the contract has not been completed or closed.

Note-2: Bidders not satisfying the conditions above can have consortium for the area of work as mentioned below.

TECHNICAL CONDITIONS OF CONTRACT (TCC)

Definition:-

Standalone bidder:-The bidder who fulfils all the conditions stipulated above on their own without any consortium.

Consortium bidder: - The bidder who fulfils only the major part of the conditions in QR 2 and who enters into a partnership with 1 or 2 partners in order to fulfill the PQR under 2 as a consortium of two or three agencies including the Prime bidder.

1.0	IN CASE OF CONSORTIUM BIDDING, FOLLOWING POINTS SHALL BE COMPLIED.RELEVANT DOCUMENT SHALL BE SUBMITTED IN THESE REGARDS.
2.0	NO OF PARTNERS INCLUDING PRIME BIDDER SHALL NOT BE MORE THAN 3 (THREE).
3.0	PRIME BIDDER SHALL BE THE BIDDER WHO HAS A MAJOR SHARE OF WORK.PRIME BIDDER SHOULD SATISFY THE CONDITIONS STIPULATED IN A-1 AND A2.1 ABOVE AND CAN HAVE CONSORTIUM FOR CONDITIONS STIPULATED IN A2.2, A2.3, A2.4 SUBJECT TO A MAXIMUM OF THREE PARTNERS INCLUDING THE PRIME BIDDER.
4.0	PRIME BIDDER TOGETHER WITH ALL HIS PARTNERS IN CONSORTIUM SHOULD FULLFILL ALL THE FOUR CONDITIONS UNDER 2.1, 2.2, 2.3 & 2.4, STIPULATED ABOVE. PRIME BIDDER AND CONSORTIUM PARTNER SHALL ENTER INTO CONSORTIUM AGREEMENT AS PER THE FORM F22 (REVISED) IN TCC.
5.0	IN CASE CONSORTIUM BIDDING IS ALLOWED AS PER PRE QUALIFYING REQUIREMENT, THEN PRIME BIDDER AND CONSORTIUM PARTNER SHALL ENTER INTO CONSORTIUM AGREEMENT. VALIDITY PERIOD OF CONSORTIUM AGREEMENT SHALL BE 6 MONTHS AFTER WHICH THE SAME CAN BE RE VALIDATED. STAND ALONE BIDDER CANNOT BECOME A 'PRIME BIDDER' OR A 'CONSORTIUM BIDDER' IN CONSORTIUM BIDDING. PRIME BIDDER SHALL NEITHER BE A CONSORTIUM PARTNER TO OTHER PRIME BIDDER NOR TAKE ANY OTHER CONSORTIUM PARTNERS. HOWEVER, CONSORTIUM PARTNER MAY ENTER INTO CONSORTIUM AGREEMENT WITH OTHER PRIME BIDDERS. IN CASE OF NON COMPLIANCE, CONSORTIUM BIDS OF SUCH PRIME BIDDERS WILL BE REJECTED.
6.0	PRIME BIDDER SHALL COMPLY WITH ALL OTHER PREQUALIFYING CRITERIA FOR THE TENDER UNLESS OTHERWISE SPECIFIED.
7.0	PRIME BIDDER AND CONSORTIUM PARTNERS SHALL BE APPROVED BY CUSTOMER FOR BEING CONSIDERED FOR THE TENDER.
8.0	PRIME BIDDER SHALL BE RESPONSIBLE FOR OVERALL EXECUTION OF WORK.
9.0	PERFORMANCE SHALL BE EVALUATED FOR PRIME BIDDER AND CONSORTIUM BIDDER FOR THEIR RESPECTIVE SCOPE OF WORK AND EACH AGENCY INCLUDING THE PRIME BIDDER IN A CONSORTIUM SHOULD QUALIFY INDIVIDUALLY AGAINST NIT CLAUSE NO: 9 ON PERFORMANCE EVALUATION CRITERIA SO THAT THE CONSORTIUM IS QUALIFIED .
10.0	INCASE PRIME BIDDER WITHDRAWS, THE WHOLE CONTRACT SHALL BE CONSIDERED CANCELLED AND SHORTCLOSED AND THE BALANCE WORK WILL BE EXECUTED ON RISK AND COST OF THE BIDDERS (PRIME +CONSORTIUM).
11.0	INCASE OF CONSORTIUM PARNER BACKSOUT ANOTHER CONSORTIUM PARTNER MEETING THE QRS HAS TO BE ENGAGED BY THE PRIME BIDDER AND IF NOT THE RESPECTIVE WORK WILL BE WITHDRAWN AND EXECUTED ON RISK AND COST OF THE PRIME BIDDER.
12.0	THE CONSORTIUM PARTNER(S) SHALL SUBMIT SD EQUIVALENT TO 2% OF THE TOTAL CONTRACT VALUE IN ADDITION TO THE SD TO BE SUBMITTED BY THE PRIME BIDDER FOR THE TOTAL CONTRACT VALUE. THE 2% SD MAY BE REMITTED INLINE WITH CLAUSE 1.10 IN GCC.
13.0	AFTER EXECUTION OF WORK THE WORK EXPERIENCE SHALL BE ASIGNED TO THE PRIME BIDDER AND THE CONSORTIUM PARTNER FOR THEIR RESPECTIVE SCOPE OF WORK.AFTER SUCCESSFUL EXECUTION OF TWO SIMILAR WORKS IN CONSORTIUM WITH THE SAME CONSORTIUM PARTNER UNDER DIRECT ORDERS FROM BHEL, THE PRIME BIDDER SHALL BE ELIGIBLE FOR BECOMING A STNDALONE BIDDER FOR SIMILAR WORKS, SUBJECT TO CERTIFICATION FROM END USER/PURCHASER ABOUT THE ACTIVE INVOLVEMENT OF THE PRIME BIDDER FOR SATISFACTORY EXECUTION OF WORKS.
14.0	CREDENTIALS OF WORKS EXECUTED BY CONSORTIUM PARTNER AND PRIME BIDDER SHOULD BE SUBMITTED SEPARATELY FOR THEIR RESPECTIVE AREA OF WORK.

TECHNICAL CONDITIONS OF CONTRACT (TCC)

15.0	CONSORTIUM PARTNER'S QUALIFYING WORK SHOULD BE SIMILAR TO THE REQUIREMENT IN THE CURRENT TENDER. SCOPE OF SUPPLY OF T&P COMPLETION CERTIFICATE AND WORK ORDER SHOULD REFLECT THIS ELSE IT MAY LEAD TO DISQUALIFICATION
16.0	BHEL RESRVES THE RIGHT TO DECIDE ON SUCCESSFUL BIDDER BASED ON REVERSE AUCTION PROCESS
17.0	DELETED