



BHEL, BHOPAL

PRODUCT STANDARD

PROJECT DIVISION

PDX 09 073

Page 1 of 6

SPECIAL CONDITIONS

REV. 08

NIT No. PDX/MM&SC/OBRA/T-06

CARRYING OUT CONDITIONAL AND RESIDUAL LIFE ASSESMENT OF ELECTRICAL EQUIPMENTS PERTAINING TO REFURBISHMENT OF 5X200 MW OBRA "B" TPS, UNITS 9 TO 13 AT OBRA FOR UPRVUNL, UTTAR PRADESH.

(Note: The Special terms and conditions given here supersede the relevant terms & conditions given in General Terms and Conditions).

1.0 INTRODUCTION

1.1 This section of the tender defines the scope of the contractor's work other than as specified in the Technical Specifications. The requirement and conditions mentioned in this section are in addition to what are stated in Section - IA (Instructions to Tenderers) and Section - IB (General terms and conditions) & Section - III (Technical Specifications).

1.2 In case of any conflicting provisions given in different sections of the tender following shall be the order of preference forming the basis for arriving at a conclusion :

- A) Description in schedule of quantities of Price Schedule in conjunction with technical specifications**
- B) Special Conditions**
- C) General terms & conditions**

1.3 Brief Description of Project site: - The project site is located at 5x200MW Obra TPS. The plant is located at Obra in Sonbhadra district of Uttar Pradesh. Nearest Railway Station is OBRA DAM approximately 6-7 Kms away from the plant. Nearest Air Port is at Varanasi approximately at a distance of 150 Kms from Project Site.

1.4 The bidders are advised to take into account all factors and any fluctuations in the market rates etc having effect on prices. No delay will be accepted and no claim will be entertained on this account after acceptance of the tender or during the currency of the contract. It is advisable that the bidders visit the site prior to bid submission.

2.0 DESCRIPTION OF JOB

The job tendered out is for carrying out conditional and residual life assessment of electrical equipments pertaining to refurbishment of 5x200 MW Obra "B" TPS at Obra for UPRVUNL, Uttar Pradesh.

2.1 They should visit the site before submitting their offer and make sure that they understand the working environment, present state of the structures, availability of relevant original documents with our customer, local rules, laws and regulations etc. A certificate to this effect should be submitted by the bidder in technical bid as per format given at Annexure "J" of Instruction to Tenderers.

2.2 They should ensure that any related/associated works and incidentals, which may not be explicitly mentioned in the scope but are found necessary for completion of the job are covered in their offer.

NOTE: BHEL shall not accept any claim arising out of above factors .

Prepared by

R.K.Mundra

Checked by

B.K.Singh

Approved by

C.P.Jaiswal

Date of Issue .

11.02.2009



BHEL, BHOPAL

PRODUCT STANDARD

PROJECT DIVISION

PDX 09 073

Page 2 of 6

SPECIAL CONDITIONS**REV. 08****3.0 QUALIFYING CRITERIA** - The bidders should fulfil following qualifying criteria:

3.1 The bidder should have the experience of having successfully performed RLA Study of minimum rating of following equipments during last seven years ending 31.01.2009 -

3.1.1 Minimum rating of Transformer 30 MVA, 220 KV Class

3.1.2 Minimum rating of HT Motor 3500 KW, 6.6 KV

3.2 The bidder should have either performed or currently performing the work of RLA Study of minimum rating of equipments as above during last seven years ending on 31/01/2009 valuing either of the following:

(a) Three works each valuing not less than Rs. 8 Lacs

Or

(b) Two works each valuing not less than Rs. 10 Lacs

Or

(c) One work valuing not less than Rs. 16 Lacs

3.3 The bidder should have average annual financial turnover not less than Rs. 6.00 Lacs during the last 3 years, ending 31st March, 2008. Self attested Audited Balance Sheet and P/L Account for last three years to be submitted in fulfilment of this criterion.

3.4 The bidder should meet all statutory requirements of Central / State Govt. like PF / ESI / PAN/ Service Tax Registration etc. as may be applicable. Self attested photocopy of the relevant documents to be submitted by the bidder in fulfilment of this criterion.

Note:

1.0 Above mentioned criteria should be met by the bidder himself and not by any associate bidder.

2.0 The bidder is required to submit documentary evidence in support of each of the above qualifying criteria.

4.0 SCOPE OF WORK: Brief Scope of Work is as follows -

The scope of work shall include condition and residual life assessment of following electrical equipment. The main objective of conducting this assessment exercise is to ascertain the health of equipment for proper functioning for next fifteen years.

Sr. No.	Items	Qty.
1.	30 MVA, 220/6.9KV Station Transformer YD11 Impedance 15.15% Cooling ON/OB, OLTC -10 to +10% in steps of 1.25%	1 No.
2.	1.6 MVA, 6.6/0.4KV Service Transformer Impedance 7.51% DY1 Cooling ON, Tap +7.5 to -7.5% in steps of 2.5%	1 No.
3.	220 KV LA, 10KA Station Class	6 Nos.
4.	400 KV Pentograph Isolators	4 Sets
5.	Intercom System (PA System)	5 Sets
6.	HT Motors	
	BFP Motor (6.6 KV, 3500 KW, 351 A, 3000 rpm)	1 No.
	Condensate Extraction Pump Motor (6.6 KV, 220 KW, 25 A, 1485 rpm)	1 No.
	F D Fan Motor (6.6 KV, 630 KW, 70 A, 990 rpm)	1 No.
	I D Fan Motor (6.6 KV, 1700 KW, 180A, 990rpm)	1 No.
	H P Ash Pump Motor (6.6 KV, 262 KW, 26 A, 1485 rpm)	1 No.
	H P Fire Pump Motor (6.6 KV, 168 KW, 20 A, 1485 rpm)	1 No.

For detail, refer technical specifications.



BHEL, BHOPAL

PRODUCT STANDARD
PROJECT DIVISION

PDX 09 073

Page 3 of 6

SPECIAL CONDITIONS

REV. 08

5.0 COMPLETION SCHEDULE:

- 5.1** On intimation by BHEL through Fax or E-Mail for issue of LOI, the contractor has to commence the work with in 10 days of issue of LOI.
- 5.2** **The site investigation work should be completed with in 07 days from date of commencement or availability of front whichever is later.**
- 5.3** **Report should be submitted with in 15 days from date of completion of site investigation work.**

6.0 PRICE SCHEDULE:

- 6.1** Please refer to the Price Schedule. Price bid should be submitted strictly as per the enclosed price schedule. Any deviation w.r.t. price schedule is not acceptable and the offer having deviation is liable to be rejected. Rates quoted by the bidder against schedule items shall remain firm.
(PI read instruction carefully given in the price schedule before filling up)
- 6.2** The description of item contained in price schedule may not be elaborate. For more clarity about the scope, this should be always read in conjunction with the Technical Specifications.

7.0 TAXES AND DUTIES:

- 7.1** Price shall include all taxes and Duties as on date of submission of tender except Service Tax.
- 7.2** Service Tax shall be payable to the contractor at actuals at the rate prevailing at the time of execution.
- 7.4** No claim is admissible on account of upward or downward revision in rate of existing taxes & duties (except Service Tax) subsequent to bid submission. However if any new taxes & duties are introduced subsequent to bid submission and during the currency of the contract including its extension if any for the reasons not attributable to the contractor, the same shall be reimbursed at actual against documentary evidence of remittance by the contractor. In case the contract period is extended for the reasons attributable to the contractor, no such reimbursement shall be made during extended period.
- 7.5** Income Tax shall be deducted at source (TDS) as per prevailing rules and copy of TDS shall be provided to contractor.

8.0 TERMS OF PAYMENT:

- 8.1** No progressive payment shall be made.
- 8.2** 100% payment shall be made to the contractor on completion of the total work and submission of final recommendation along with all test results and on submission of invoice in duplicate duly certified by BHEL Engineer subject to deduction of income tax and surcharge, any other tax or levies applicable and recoveries towards materials/ services rendered on chargeable basis, penalty and LD, if applicable.
- 8.3** The payment due to the Contractor will be made through Electronic Fund Transfer (EFT). For EFT facility the successful bidder is required to submit the details duly endorsed by their bank in the prescribed proforma as enclosed at Annexure "A" .
- 8.4** Normally payment of bills takes about 30 days from the date of receipt of bills at Bhopal Office.

Note: Advance Payment – BHEL does not give advance as a policy.



BHEL, BHOPAL

PRODUCT STANDARD

PROJECT DIVISION

PDX 09 073

Page 4 of 6

SPECIAL CONDITIONS

REV. 08

9.0 VARIATION IN CONTRACT PRICE:

The quantities shown in the price schedule may vary. BHEL reserve the right to add or delete items depending upon the final requirement. For such addition or deletion, the Contract price shall be adjusted based on the quoted unit price, which shall be valid for a variation of $\pm 30\%$ of the total contract price.

10.0 EXTRA/ADDITIONAL ITEMS OF WORK:

- 10.1** Any NEW ITEM of work that is not as per the scope envisaged in the tender but found essential during execution of the contract for satisfactory completion of the total work then it will come under the ambit of Extra Item of Work. In case such extra item is executed, the rate for the same shall be mutually decided and agreed upon.
- 10.2** Under no circumstances the contractor shall suspend the work on the plea of non-settlement of rates falling under the clause or claim any compensation on that account.
- 10.3** BHEL reserves the right to carry out such extra/additional items of work through any other agency or in such a manner, as he considered advisable.

11.0 EVALUATION OF THE OFFER AND ISSUE OF WORKS ORDER

- 11.1** The bidder shall submit complete price of the package.
- 11.2** Evaluation of the offer will be strictly based on information submitted by the bidder. In view of this, the bidder is requested to go through the tender documents carefully and furnish all details clearly. Missing information may not be asked by BHEL.
- 11.3** Prices quoted against different items of price schedule/annexures shall be combined to arrive at the total price of the package. In case of any item not quoted, the highest quoted rate for that item amongst all bidders will be taken for the purpose of evaluation and the lowest quoted rate for that item amongst all bidders will be taken for award.
- 11.4** Total price of the package shall be compared for the purpose of arriving at L-1.
- 11.5** Based on the techno-commercial evaluation and priced bids, the successful bidder shall be awarded the contract for the complete package.
- 11.6** No condition or deviations should be asked for in price bid.
- 11.7** Work is indivisible in nature and shall be awarded to a single party.

12.0 INSURANCE –

- a) It shall be the sole responsibility of the contractor to get insured the property, materials, machineries, tools & tackles etc. belonging to him
- b) It shall be the sole responsibility of the contractor to insure his workmen against risks of accidents and injury while at work as required by the relevant rules and to pay compensation, if any, to them as per Workmen's Compensation Act. The work will be carried out in a protected area and all the Rules and Regulations of BHEL / its customer in the project Area which are in force from time to time shall be followed by the contractor.
- c) If due to contractor's carelessness, negligence and / or non-observance of safety and other precautions, any accident / injury occurs to other persons / public, damage to BHEL's / its customer's property and/or personnel occurs, and if BHEL is unable to recover in full its claim from the Insurance Company, the deficit will be recovered from the contractor. The contractor shall be responsible for necessary compensation and other expenses in full, if so decided by the appropriate authority.
- d) It shall be the responsibility of the contractor to provide security arrangements for the equipment/materials belonging to BHEL / its customer & handed over to the contractor for Transportation / erection till these are taken over by BHEL or are returned to BHEL / its customer's Stores.



BHEL, BHOPAL

PRODUCT STANDARD

PROJECT DIVISION

SPECIAL CONDITIONS

PDX 09 073

Page 5 of 6

REV. 08

13.0 LD FOR DELAY

The total work under scope is to be completed within the completion time mentioned under Clause 5.2 of Special Conditions. **Delay in completion of the work under scope that may take place beyond contractual schedule OR within any extension for the reasons attributable to the contractor shall be subject to imposition of LD at the rate of 0.50 % of the contract order value per week of delay subject to maximum ceiling of 10% of the contract order value.**

14.0 TERMINATION OF THE CONTRACT

"No order shall be terminated after issue of the order or the understanding to proceed with the work except if desired by the Customer or Government of India. In the event of such cancellation, the Contractor shall be paid for all the work either fully or partly executed prior to the date of termination and the commitments entered into and expenses incurred for the execution of the contract as on the date of such termination. Nothing extra in addition to above shall be paid to the contractor in the event of such termination.

15.0 EXTENSION FOR DELAY :

If the works be delayed due to

- a) Force majeure or
- b) Delay on the part of the other contractors or tradesmen engaged by the BHEL in executing work not forming part of the contract, or
- c) Any other cause which, in the absolute discretion of BHEL is beyond the contractor's control then upon the happening of any such event cause delay, the contractor shall immediately give notice thereof in writing but shall nevertheless use constantly his best endeavours to prevent or make good the delay and shall do all that may be reasonably required to the satisfaction of BHEL to proceed with the work.

Requests for extension of time, to be eligible for consideration shall be made by contractor in writing within fifteen days of the happening of the event causing delay. The contractor may also, if practicable, indicate in such a request the period for which extension is desired, the working plan for remaining work.

In any such case Engineer-in-charge, BHEL or any other officer authorized by BHEL may give a fair and reasonable extension of time for completion of the work. Such extension (Grant/Denial) shall be communicated to the contractor by the Engineer-in-charge in writing, within 1 (One) month of the date of receipt of such request by the Engineer-in-charge.



BHEL, BHOPAL

PRODUCT STANDARD

PROJECT DIVISION

PDX 09 073

Page 6 of 6

SPECIAL CONDITIONS

REV. 08

ANNEXURE "A"

FORMAT FOR (EFT) ELECTRONIC FUND TRANSFER

You are requested to submit the information as per details given below at the earliest to enable processing of e-payment :

1. Name of the Supplier (Max 60 char)
2. Account No (Max 17 char)
3. Name of the bank, branch, city (Max 60, 40 and 20 characters respectively)
4. Branch Code (Max 5 char)
5. MICR Code (Max 30 char)
6. IFSC Code (Max. 30 char) [Every NEFT enabled bank / branch has a unique IFSC Code (Indian Financial Security Code)] This code may differ from RTGS IFSC code.

VENDORS / BIDDERS ARE SUPPOSED TO SUBMIT THE INFORMATION ON FIRM'S LETTER HEAD DULY ENDORSED AND STAMPED BY THEIR BANKERS.

In addition to above information please also furnish the following details to enable faster clearance of bills.

7. E-Mail Address (Max 40 char)
8. Details of TIN No. (Max 11 char)