



Ref: BHE/PW/PUR/IOC-CVL/523/Amd-01 (Page-1/3) Dated: 11.10.2007

To,

ALL BIDDERS

Dear Sir,

SUB : CLARIFICATION & AMENDMENT- 01- REG

Name of Work : Civil, Structural and Architectural works of Main Plant and Balance of Plant Equipments for 2x30mw, GTG Based, Co-Generation Plant, at Indian Oil Corporation Limited, Gujarat Refinery, Jawahar Nagar, Vadodara (Gujarat).

Ref : TENDER SPECIFICATION NO : BHE/PW/PUR/IOC-CVL/523.

Some bidders have asked clarifications/questions on this tender which are replied by us as below.

Que :1) Refer Brick Masonry Work - Item No 7.2,7.3,7.4 (Pg 9 of 30 of Part -II, Rate Schedule) Compressive strength of brick mentioned of minimum 75 kg/sqcm but locally available best quality brick being used within the refinery is having compressive strength around 40 Kg/ sqcm only .Please confirm acceptance of the same .

Ans : It is clarified that Bricks having minimum compressive strength of 50Kg/Sqcm will be permitted. However contractor shall take prior approval of IOCL/TEIL (as mentioned elsewhere in technical specification) at site before procurement and actual use at site.

Que :2) Refer Precoated Roof Sheetting - Item No 6.1 (Pg 9 of 30 of Part - II, Rate Scheule) . Qty mentioned in BOQ 7500 Sqm. Please confirm whether this qty shall be applicable for all plant buildings mentioned in Pg 62 , Section -11 of Special Condition . Does this qty includes the side Cladding also.

Ans : 7,500 Sq.M. Pre-coated galvalume sheetting pertains to item 6.10 of rate schedule & not the item 6.1 (as referred by vendor). However, the 7500 Sq.M quantity of pre-coated Galvalume sheetting is indicated in item under Sl.No.6.10 of rate schedule of BOQ. The Pre-coated Galvalume sheetting work is involved in GTG Buildings, Fuel Oil forwarding Pump House Buildings and other plant buildings like BFP sheds etc. of both the units. However the exact area/scope of use of pre-coated galvalume sheet shall be as per respective detailed drawings and these detailed drawings shall be furnished during execution of work at site.

Que : 3) Plant Buildings

Please furnish the basic details of the following plant buildings .

GTG Hall

- Roof height / Truss height
- Elevation level of crane girder
- Nos & Height of Columns
- No of major slab at different elevation if any .

Ans : The important details like height of GT hall Roof top (21 Meters), EOT crane Rail top elevation (11.5 Meters) and width of GT hall (14 meters) are already indicated under Note:- Point No.1 of Appendix-III on page No.79 of Part-I, Technical Specification. The tentative height of GT hall columns is 18 meters and number of columns for each GT building are 24 Nos. This is further clarified that these information's are tentative and contractor shall carry out the entire works as per respective actual drawing requirements and these drawings will be furnished during execution of work at site. No any extra payment on account of variation in elevation/height & quantity shall be paid.

Que : 4) Mini Batching Plant / Batching Plant : Space for installing Mini Batching Plant / Batching Plant , Fabrication Yard for structural steel & reinforcement steel work etc shall be available near the proposed location of the site within the plant premises . Please confirm

Ans : In reference to clause Nos. 4.4.1 (page-16), 4.4.6 (page-17) and 5.2.9 (page-24), 5.7.1(page-26), 5.7.6(page-27) of Part-I, Technical Bid, it is to clarify that IOCL/BHEL will provide open space within the plant premise for storing of Structural Steel/Reinforcement Steel, Cement materials and Fabrication & Bending work of Structural & Reinforcement Steel. Contractor shall have to arrange the Space outside the plant premise and Install their Mini Batching Plant / Batching Plant as per requirement and shall arrange all necessary required facilities / infrastructure including the Electricity & Water supply and field testing laboratory facilities etc. as scope of work at their own expenses. Alternatively contractor may go for arranging the Ready Mix Concrete (RMC) with prior approval of Customer/BHEL at site. No any extra payment shall be paid for Ready Mix Concrete on any account and for any grade of concrete. The payment for such Ready Mix Concrete shall be made as per scope of work of relevant concrete work item rates of rate schedule. IOCL/BHEL shall not provide any space & facilities including supply of electricity & water etc. for outside the project premise of contractor's Mini Batching Plant / Batching Plant & related infrastructure.

For fabrication / bending of Structural Steel & reinforcement steel within the plant premise, contractor shall follow, provide all necessary arrangements & safeguards and abide the all safety Laws, Rules, Regulations and Statutory requirements at site as per specifications & requirements of IOCL (as referred elsewhere in tender Specifications

Clarification: 01) Bidder may pl refer to scope of work under item Sl.No.20.1 of Rate Schedule which reads as" Mobilisation of minimum two numbers of piling rigs and ancillary equipment including boring equipment all complete to site for installing of 500mm/450mm diameter of Bored cast in situ R.C.C. piles and demobilisation from site after completion of work as per specifications.", this is to further add that contractor shall have to provide/arrange the mechanised arrangement (Hydraulic Rig-hydraulic hammer/diesel hammer) for Piling work including the boring of pile holes at site. Contractor to note that Tripod arrangement for Piling shall not be permitted.

Contractor's quoted rates for entire piling work under item **SI. 20-PILING** of rate schedule shall take into account the aspect of providing/arranging mechanised arrangements for piling work. No any extra payment for providing/arranging the mechanized arrangement for piling work shall be paid.

Amendment-01) Bidder may please refer CI N0 :11.8 of Section-11 of Technical Bid –Part-I –Vol-I for ” **INTERST BEARING RECOVERABLE ADVANCE**”

This Clause no 11.9 is amended as below:

Interest bearing (rate of interest will be 1% per annum more than bank interest rate, on monthly reducing balance basis) recoverable advance limited to 5% of the contract value may be paid by BHEL at its discretion depending on the merit of the case against receipt & acceptance of bank guarantee from the contractor for the amount sought. This bank guarantee (BG) shall be valid at least for one year or the recovery duration. In case recovery of dues does not get completed within the aforesaid BG validity period, the contractor must renew the validity of BG or submit fresh BG for the outstanding amount and remaining recovery period. BHEL is entitled to make recovery of the entire outstanding amount in case the contractor fails to comply with the BG requirement as above.

Recovery of dues will be made minimum @ 10% of the admitted gross running bill amount from the first applicable running bill onwards till entire due (principal plus interest) is recovered. In the event sufficient time duration is not left for recovery @10%, the rate of recovery shall be suitably enhanced so that entire due is recovered within the contract period (including extensions granted or foreclosure if any).

The answers furnished above on bidders questions and clarification and amendment as mentioned above shall be a part of this tender specification. As such bidders are requested to consider above clarification/amendment while submitting their offers.

Bidders may please download these documents from web and enclose print out of same with technical bid duly counter signed by your authorized signatory and stamped with official seal as a token of your unqualified acceptance of this amendment.

All other terms & condition of the tender specification shall remain unchanged unless and otherwise expressly amended by BHEL.

Thanking you.

Yours faithfully

SR. MANAGER (PURCHASE)