



**Ref: BHE/PW/PUR/SLPP-CVL/450/Cla-01**

**Dated: 11.09. 2006**

**To,**

**All Bidders**

Dear Sir,

**SUB : Clarification- 01- Reg**

JOB : Civil, Structural and Architectural Works for (Power Block) TG, Boiler, ESP And ESP Control Room, Mill And Bunker Bay Etc. of Unit 3&4 At GIPCL, SLPP, MAGROL(2x125mw) , Dist- SURAT ( GUJARAT)

**TENDER SPECIFICATION NO BHE/PW/PUR/SLPP-CVL/450.**

**Some bidders asked clarifications on our tender specifications. Clarifications are as furnished below shall be part of tender specification.**

- i) **Que** :Water Proofing Membrane(Item No.501)\_For 1.5mm thick elastomeric membrane of water proofing work, 10(ten) years guarantee shall be provided instead of 20 years. None of the approved Sub-Vendor is ready to provide 20 yrs. Guarantee.  
**Ans** :AGREED for 10 years guarantee in stead of 20yrs.
- ii) **Que** :Steel Windows & Ventilators (Item No.902) - Required thickness and type of glazing are not mentioned, neither included in the item. Which separate glazing item will be operated for this steel ventilator/window?  
**Ans** :Pl. refer BOQ item no. 923 TO 928 for various types & thickness of glasses
- iii) **Que**: Double Glazing (Item in between 909 & 910) - Unit should be Sq.M. instead of Kg.  
**Ans** :The said BOQ item no. 909 & 910 is for Hollow extruded Aluminum section and not for glazing. The Aluminum sections are to be made with a provision for thickness of glass as mentioned.
- iv ) **Que** :Ordinary Brick [Item Nos.1001(iii), 1002(ii), 1004(iii)] -\_Locally available best quality brick shall be used instead of class designation grade 7.5. Bricks of compressive strength 7.5 Kg/cm<sup>2</sup> are not available in the nearest vicinity of the proposed site.

**Ans** : Provision has been made for usage of locally available conventional kiln bricks/ burnt clay bricks for initial use (say up to plinth level), which shall be operated only on urgent need when ash bricks are not available in the beginning stage. Second class bricks of 35kg to 50kg. Per cm<sup>2</sup> shall be accepted for this purpose. Pl. note it is for restricted use only & may or may not be operative as use of ash bricks are mandatory requirement as per contract with Customer

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- iv) **Que:** Fly Ash Brick [Item Nos.1001(i), 1002(i) & 1004(i)] -Fly ash shall be supplied by M/s BHEL as free for manufacturing of Fly ash bricks. However, bricks will be cast at site by bidder.  
**Ans :** Fly ash shall be provided by Customer (GIPCL) free of cost at their silo or disposal point or ash dyke. This may be confirmed during the site visit before submission of offer. Transportation shall be in contractor's scope irrespective of lead. BHEL shall only forward the contractor's request letter to Customer with recommendation.
- vi) **Que :**Black Granite Stone (Item Nos.1414 & 1415) -We intend to use 18 to 20mm thick Black Granite instead of 25mm thick which is generally not available in the market.  
**Ans : Accepted**
- vii) **Que :**Vitrified Ceramic Tile (Item No.1416) -We intend to use 600x600mm size of vitrified ceramic tile instead of 300x300mm which is generally not available in the market.  
**Ans :** Accepted for main buildings, Control room portion. However for toilet portion 300x300mm size tiles shall be used. Tiles of 300x300mm are available in the market & being used in our other plants. Pl. note that prior approval of sample for make & shade is must.
- viii) **Que :**Stainless Steel Work (vide Cl.No.4.07 of S.C.C.) -No item of work is available for Stainless Steel work in the BOQ of the tender.  
**Ans :** Not operative
- ix) **Que :** GRATINGS -Gratings item is not appearing in the SOR although in general separate item for gratings are kept in other tenders. Please review and confirm. In this context, please specify the type of Grating i.e. Galvanised, Non Galvanised or Electro forged etc. For Gratings Flats to be used to be issued to us at free of charge. Cutting of Plates to make flat shall invite Extra Item of work.  
**Ans:** Please refer additional items introduced (item no. 1806c) for Electroforged Grating – Quantity 40 MT vide Amendment-03 dt 08.09.06. In addition to the above one more item for 40mm dia. GI Pipe railing have been added as item no. 1806a(I). This item shall include the cost of supply of materials i.e. BHEL will not supply any materials including GI Pipes for making/ fixing railing.
- x) **Que :** Chequered Plate materials required as per item description of structural steel work (Item No.1806) is presumed to be issued to us at free of charge.  
**Ans :** Yes, Chequered plates shall be supplied by BHEL FREE OF COST.

#### A. COMMERCIAL

- i) **Que : Labour Camp,** It is presumed that, area for Construction of Labour Camp to be provided at free of charge outside plant premises. However, construction for the same will be done by us at our own cost.  
**Ans : PI refer cl no 5.0 of Section-5 of tech bid vol-I**

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- ii) **Que- Area Lighting** - Area Lighting for our construction work depending upon time to time requirement, shall be done by bidder. But overall area Lighting for plant premises shall be provided by the customer/client.  
**Ans : True**
- iii) **Que** -Free Issue Materials/Measurement (Cl.No.5.10.0 to 5.13.0 of S.C.C) -Free issue materials (Steel) shall be provided to the Contractor on weightment basis. But, measurement for payment as well as accounting shall be done by you on Linear measurement and sectional weight indicated in relevant I.S.Code. Rolling margin needs to be considered for measurement as well as consumption for Reconciliation purpose.  
**Ans** : Permissible rolling margin as per manufacturer's letter shall be permitted for reconciliation purpose only to avoid penal recovery.
- iv) **Que** : Generation of Wastage of Steel - Prior to execution of Structural Steel Work, the cutting diagram based on the drawings and available size of structural steel plates and other sections, shall be furnished by us for approval. Eventuality of excess wastage, if any, needs to be considered during reconciliation of structural steel. No penal recovery should be there for that excess wastage.  
**Ans** : In spite of the above, if there is excess wastage on account of standard size of plates, which becomes unavoidable, the same shall be considered as per the discretion of BHEL Engineer citing proper justification. This is purely a site issue, which is to be sorted out during execution.
- v) **Que** :Cement (OPC - 43 Grade) Cl.No.5.16.0 of S.C.C. -Abnormal increase in market price of Cement has taken place since February'2006. The same trend is being continued unabated as on date. It is very difficult to assess the market rate for cement for next 2½ years. In view of above, it will be beneficial for you as well as the bidders to fix a base price for cement. Any increase or decrease in the said price to be either compensated to the successful bidder or passed on to you on the basis of manufacturers price list/actual bill.  
**Ans** : We cannot incorporate above clause in the tender. Bidders have to quote the rates considering these facts.
- vi) **Que :Construction Schedule (Cl./No.11.12. of S.C.C.)-** It needs to be revised based on revised date of bid finalisation/awarding/mobilisation period etc.  
**Ans:** The schedule is with respect to the date of actual start of work (date of 1<sup>st</sup> excavation at site), hence delay in award/ finalization doesn't matter
- vii) **Que : Overrun Compensation (Cl.No.11.4 of S.C.C.)** -Although overrun of the project schedule is not expected, but may happen under one or other reason. In that eventuality, Rs.50,000/= compensation per month is negligible amount. Considering the volume of work we propose to revise the same to Rs.5,00,000/= (Rupees Five Lakhs per month) . This is required as, Provision of rate revision is deleted in this particular tender of yours.  
**Ans:** This clause remain unchanged as per tender specification

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Dated: Aug 30, 2006

- viii) **Que** : Interest Bearing Recoverable Advance (Cl.No.11.10 of S.C.C.)- Against Advance amounting to 5% of C.V. , recovery will be 10% of R.A.Bill. So it is presumed that within 50-60% of completion time entire advance will be recovered. So, Bank Guarantee will be provided in phased manner with required validity .  
**Ans**: This clause remain unchanged as per tender specification .
- ix) **Que** : Secured Advance [(Cl.No.11.11 of S.C.C.)(Item No.c,e,f,g,h &n)] - These are mainly sub-vendor items. It is very difficult to ascertain the value of materials as products are patent of the sub-vendor. So, Secured advance may be paid as 75% of item rates on delivery of materials on production of Challans and Test Certificates of approved Vendor.  
**Ans**: This clause remain unchanged as per tender specification
- x) **Que** : Programme for T.G. Foundation & Deck Slab. - We shall take up the T.G. foundation and slab sequentially one after another by deploying one set of shuttering and scaffolding materials.  
**Ans** : Acceptable provided you maintain the time gape between the two unit. However it is left to site depending upon the site progress
- xi) **Que** : Structural Steel Sections for support of T.G. Deck Slab. - Structural Steel will be issued to us free of charge as per Tender Provision. We presume that the necessary structural steel sections required as per approved support staging work for T.G. Deck Slab. (Approx. Qty. 180-200 MT) shall be issued free of charge to us. The said sections to the best possible extent to be utilised for our direct job onwards based on the retrieved quantity and needs to be reconciled accordingly. No penal recovery shall be made against the same. However, all other costs like design, drawings, fabrication, erection, dismantling etc. shall be borne by us. The fabricated Pylons etc. shall be returned to BHEL Store.  
**Ans** : Not acceptable. The structural steel shall be supplied by BHEL free of cost only for permanent works as per BOQ items & not for any temporary support /staging etc. Steel required for supports/staging /pylons/crises etc. required for TG or any other foundation are in Contractor's scope
- xii) **Que** : Deployment of Tools, Plants & Machineries - The Plants and machineries as indicated by you may not be required for entire span of time schedule. Besides Initial Mobilisation of resources, depending upon utilization, we shall mobilise additional resources to fulfill our obligation to satisfy the speedy progress of work like T.G. Foundation, T.G. Deck Slab etc. or as and when needed.  
**Ans** : This is to be indicated in T&P deployment plan which shall be evaluated at the time scrutiny of technical offer/bid.
- xiii) **Que**. Applicability of Purchase Preference for Govt./Semi Govt./P.S.U. Organizations  
**Ans**: Purchase Preference shall be applicable as per norms of General Govt. guidelines.
- xiv) **Que** : Escalation- to pay price variation as per CPWD Formula  
**Ans** : This shall be as per Tender Specification.

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xv) **Que :** HT/HSFG BOLTS, NUTS, WASHERS, ETC.[ITEM NO.1806(b)] -We presume that rates for Item No.1806 shall be exclusive of cost of supply of permanent bolts, nuts, washers etc. The said fasteners shall be paid against Item No.1806(b). In that event, quantities shown against Item No.1806(b)(i) & (ii) seems to be very much in lower side. Please examine.

**Ans: Yes. The said fasteners shall be paid against Item No.1806(b). The quantity of item no. 1806(b)ii (HSFG Bolt) is revised as 100(hundred) Quintals in place of 4(four) Quintals.**

xvi) **Que :** SECURED ADEVANCE VIDE CL.NO.11.11 OF S.C.C.-Paints of any nature needs to be included in the list of materials for which Secured Advance will be paid.

**Ans :** Not acceptable.

xvii) **Que : WASTAGE OF STEEL VIDE CL.NOS.5.11.1 & 5.12.1 OF S.C.C** -Return of any steel sections and Reinf. Bars of length 3.0 M and above should not be considered as wastage. Steel plates of size one square meter or above also should not be considered as wastage. So, no penal recovery shall be made against returning of such steel to the customer.

**Ans:** Not acceptable. Tender condition will prevail in his regard.

Above Clarifications shall be part of tender specification. Bidders may please download copy of this clarification from web page and sent it with their offer as a part of technical bid duly signed and stamped by bidders as a token of acceptance of this clarification. All other terms and conditions of the Tender Specification shall remain unaltered unless and otherwise expressly amended by BHEL.

Thanking you,

Yours faithfully,

**S M BORKAR**  
**SR. MANAGER/PUR**