 BHEL GOINDWAL	TERMS AND CONDITIONS FOR (Tender Enquiry No. 1415-005 Dated 24.04.2014) Due Date of tender: 15.05.2014
--	--

1. **INVITING TENDERS**

Tenders in two part bids are invited from manufacturers/dealers for supply of Electrical Items. Following point need to be noted by manufacturers and dealers as follows-

For manufacturers-

Procurement shall be preferred from manufacturers. In case manufacturer insists on engaging a dealer/ agent, such dealer/agent is not allowed to represent more than one manufacturer.

For dealers-

In case of dealers/agents, Authorized dealer certificate is required from original manufacturer. In case bids are received from dealer/agent and manufacturer both, bid submitted by dealer will be rejected. A dealer representing more than one manufacturer will be rejected, kindly quote for single make only.

Sealed tenders in two parts; Part-I: Techno-commercial bid and Part-II: Price bid are hereby invited for supply of **Electrical Items** as per BHEL Drawings, TDCs and other technical documents referred in these documents. The relevant documents are attached with the Enquiry.

The two bids should be submitted in **separate sealed inner envelopes** duly mentioning the detail as follows:

Bid	Bid description	Superscribing on envelope	*** Should contain ***
Part I in First sealed envelope	Techno-Commercial Offer	Part-I (Techno-Commercial) bid against tender enquiry no: 1415-005 dated 24.04.2014 due for opening on 15.05.2014.	1. Acceptance of all terms and conditions of tender enquiry. (Preferred is submitting signed copy of terms and conditions; if nothing is mentioned for any term, it shall be summarily concluded that the same is acceptable and no representation whatsoever shall be entertained later on). 2. Un-priced bid as per format attached. All details, i.e. whether quoted for item, duties and taxes etc. should be filled.
Part II in Second sealed envelope	Price Bid	Part-II (Price) bid against tender enquiry No: 1415-005 Dated: 24.04.2014	Price bid in the format attached. Preferably the price bid envelop should contain ONLY the price bid. Further, if even the same conditions are mentioned in the Part-II, but after scrutiny of Part-I, the bidder has agreed to BHEL terms, the same shall be binding and any such condition found in Part-II shall in no case be discussed. Anything other than price mentioned in the price bid shall be considered invalid.

Both the sealed envelopes should be put in outer sealed envelope superscribing all details i.e. Enquiry Number, Date, Supplier's Name and Address and Item.

Time of submission by 1500 Hrs on Due Date. Time of Techno-Commercial bid (Part I) opening is 1530 Hrs on due date. Based on evaluation of techno-commercial offers, Price bids of bidders who qualify from techno-commercial evaluation shall be opened. BHEL may decide to open the

Price bid same day at 1600 hrs. If not opened on the same day, all qualifying bidders shall be notified for date of opening of Price bids.

Sealed Tenders can be dropped in the tender box labeled as 'Tender box for MM contracts'. This tender box is located at the entrance of Admin block BHEL Goindwal. For any clarification you can contact on email id tendermm@bhelivp.in. Tender may be handed over to Sh Gurbax Singh/ Head MM or Sh Pranshu in case of bulky tenders.

2. PRICE QUOTATION

- 2a. CST, VAT & Excise duty + any cess on ED at the rates applicable shall be payable extra against ED Gate Pass valid for CENVAT benefit.
- 2b. Unloading of material at Main Stores of BHEL shall be arranged by BHEL.
- 2c. **Order of enquiry item sl. No. shall be maintained in the quotation.**
- 2d. **The rates quoted shall be firm and fixed. No price variation is proposed and allowed.**
- 2e. Rates quoted should be F.O.R Goindwal basis.

3. VALIDITY OF OFFERS:

The offers shall be kept open for acceptance for **60** days from the date of opening of the tender. In case of extension of tender opening date, the validity shall be suitably revised.

4. SCOPE OF SUPPLY

Material shall be supplied as per Material Standards, TDCs BHEL Quality Plan and other technical documents referred in these documents. Material Standards shall have to be arranged by vendors themselves. Please refer Annexure – IV regarding details of items to be supplied along with their technical specifications.

5. REPLACEMENT OF REJECTION:

If the material is rejected due to defective workmanship during inspection or at the time of actual use, within the guarantee period (i.e. as per clause 12), the rejected material shall be replaced by the supplier. Corresponding quantity shall be treated as unsupplied against respective purchase order till replacement is received at BHEL. If the material is found defective and rejected during use for which payment has already been released the rejected quantity shall be supplied free of cost by the vendor within a month of intimation of the rejection by BHEL.

6. DELIVERY SCHEDULE:

Supplies shall be affected and completed as per schedule mentioned in the PO. We require delivery to be completed within **2 months**. Further, BHEL may release delivery schedule from time to time based upon our requirement. Vendor shall be required to complete the order as per the PO/schedule requested.

7. ACCESS TO MANUFACTURING PREMISES:



While Purchase Orders placed on the vendor are under execution, authorized representatives of BHEL shall be allowed free access to the manufacturing facilities for the purpose of inspection or monitoring the progress of purchase orders. This access will also be extended to representatives of BHEL's customers accompanying the authorized representative/s of BHEL (which shall be intimated in advance), if our contractual requirements with our customers call for the same.

8. TERMS OF PAYMENT:

- a. Due payment against supplies received shall be due after 30 days of receipt and acceptance of material and shall be paid within next 15 days period. In case of any deviation from standard payment term mentioned, BHEL at it's discretion may load on the item price at prime lending rate of SBI + 2% for the period of relaxation sought by bidder.
- b. BHEL releases the payment through eft mode, to make the payment realization faster. It is advised to suppliers to submit details, if already not submitted.
 - i. Commercial invoice (in duplicate)
 - ii. Excise invoice (in duplicate) valid for claiming CENVAT credit
 - iii. Original VAT invoice valid for claiming input tax credit, if applicable
 - iv. Material Test Certificates (MTC) and
 - v. Compliance Certificate.
- c. Above documents should include your Registration numbers such as ECC no, PAN no, CST no, TIN/ VAT nos. etc.
- d. **It is mandatory to mention proper material codes in the invoices and separate invoices to be raised for different POs.**
- e. ***BHEL releases payment through EFT mode ONLY. Necessary details may please be submitted by filling required format before release of payment.***

9. INSPECTION:

- a. All required tests shall be carried out by vendor at no extra cost. Relevant TCs shall accompany the consignment. BHEL may decide to inspect itself/arrange third party inspection at vendors' works itself as and when necessary with prior intimation to the vendor. No additional charges shall be claimed for such inspections.
- b. Vendor will give information of readiness of material sufficiently in advance considering the delivery period stipulated in the purchase order.
- c. Latest applicable revisions of standards/procedures to be referred.
- d. Any inspection carried out before supply by vendor/incoming stage at BHEL not withstanding, if any defect/non-conformity is noted during processing, the same shall be attended/replaced by vendor at no extra cost.

10. PREFERENCES FOR MSE's:

Preferences as mentioned in "Public Procurement Policy for Micro and Small Enterprises (MSEs) Order, 2012" shall be given to Micro and Small enterprises.

Main points which are mentioned in the above order are as follows:

- a) 20% Procurement of the tender value shall be made from MSE (Micro, Small Enterprises) firms.
- b) 4% from the above mentioned 20% procurement quantity shall be procured from MSE's owned by SC /ST's. Failure to participate by any MSE owned by SC/ST's this 4% quantity shall be procured from other MSEs.
- c) EMD shall be exempted for MSE's. All these benefits are subject to production of all statutory documents
- d) In tender, participating Micro and Small Enterprises quoting price within price band of L1+15 per cent shall also be allowed to supply a portion of requirement by bringing down their price to L1 price in a situation where L1 price is from someone other than a Micro and Small Enterprise and such Micro and Small Enterprise shall be allowed to supply up to 20 per cent of total tendered value. In case of more than one such Micro and Small Enterprise, the supply shall be shared proportionately (to tendered quantity).
- e) "MSE suppliers can avail the intended benefits only if they submit along with offer, attested copies of either EM II certificate having deemed validity (Two years from the date of issue of acknowledgement in EM-II) or valid NSIC certificate or EM II certificate along with CA certificate (Format enclosed as per Annexure - 1) applicable for the year, certifying quantum of investment in plant and machinery within the permissible limit as per the act for relevant status (Micro or small) where the deemed validity of EM II is over. Date to be reckoned for determining the deemed validity will be the last date of technical bid submission. Non submission of such documents will lead to consideration of their bids at par with other bidders and MSE status of such suppliers shall be shifted to Non MSE supplier till the supplier submits these documents".
- f) "The enterprises which graduates from Micro and Small Enterprises to Medium Enterprises and even beyond the purview of MSMED act, as on dated 01.04.2013, shall also be entitled to MSE benefits earmarked in the MSMED Act for next three years subject to their submission of necessary documents (i.e. confirming the Micro and Small Nature as on dated 31.03.2013 and Medium nature afterwards)"

Also kindly note that copy of EM-II certificate should be attested from Gazetted officer/Notary only. It is reiterated that MSE benefit will be given only if supplier submits required documents in Part-I of tender itself.

11. LOADING CRITERIA

1. Tender quantity shall be divided in the proportion 80:20 (80% for L1 and 20% for MSE's) in case the L1 vendor is not a MSE subject to following conditions:

I. In tender, participating Micro and Small Enterprises quoting price within price band of L1+15 per cent shall also be offered 20% quantity of tender quantity at L1 price in a situation where L1 price is from someone other than a Micro and Small Enterprise. In case of more than one such Micro and Small Enterprise, the supply shall be shared equally. If there are more than one MSE in

TERMS AND CONDITIONS FOR
(Tender Enquiry No. 1415-005 Dated 24.04.2014)
Due Date of tender: 15.05.2014

the price band of L1+ 15% to whom the offer has been sent and some of them reject the offer then the remaining quantity shall be distributed equally to the MSEs accepting L1 prices.

II. 20% from the 20% quantity (i.e. 4% of the tender quantity) offered to the MSE's shall be reserved for MSE's owned by SC/STs. In event of failure of such Micro and Small Enterprises to participate in tender process or meet tender requirements and L1 price, 4 per cent quantity for Micro and Small Enterprises owned by SC/ST entrepreneurs shall be met from other Micro and Small Enterprises.

III. In case any MSE vendor does not accept the counter offer, the above mentioned 20% quantity shall be offered to L1.

IV. If there is no MSE in the Price band of L1+15% then the 20% quantity shall be offered to L1 vendor.

V. If other suppliers (other than L1) are not under MSE then 100% qty will be offered to L1 supplier.

2. In case if the L1 vendor is MSE then quantity shall be provided as 96 % for L1 and 4% tender quantity shall be offered to the MSEs owned by SC/ST's in the price band of L1+15%. In event of failure of such Micro and Small Enterprises to participate in tender process or meet tender requirements and L1 price, 4 per cent sub-target for procurement earmarked for Micro and Small Enterprises owned by SC/ST entrepreneurs shall be met from L1 vendor.

3. In case the L1 vendor is a MSE owned by a SC/ST then the 100 % quantity shall be loaded on L1 bidder.

In case of non- acceptance of counter offer by any vendor after above applicable provisions the whole quantity would be offered to L1 vendor.

This ratio can be altered in case of any failure on part of L1 regarding delivery commitment/quantity/quality of material.

All above mentioned preferences shall be given to MSEs and SC/STs only on the submission of documentary evidence.

If bidder does not give information about SC/ST category in the quotation and also does not submit any proof for being SC/ST in case he belongs to/mentions in quotation for being in SC/ST category, then it shall be assumed that the bidder belongs to the General category and no further clarification in this regard shall be taken from the bidder.

12. GUARANTEE:

For the Enquiry Sr. No. 1 to 8, Vendor shall give a guarantee of one year from acceptance of material at BHEL for undertaking repairs/replacement of any defect observed during the installing/ functioning or subsequent processing notwithstanding the previous acceptance. Entire cost of such Items will be deducted from any of the running bills/PBG.

13. PENALTY FOR LATE DELIVERY:



Time is the essence of the contract'. As such, delivery of goods specified in the Purchase Orders released under the scope of this contract shall be made within the time limit prescribed therein. Penalty for late delivery will be applicable @ 0.5% per week or part thereof subject to a maximum of 10.0 %.

BHEL reserves the right to receive or not receive the material after the due date of PO.

14. RISK PURCHASE:

BHEL shall be entitled to terminate the contract/pending POs at any stage and to purchase elsewhere at the risk and cost of the vendor, either the whole of the goods or any part thereof which the supplier has failed to deliver or dispatch within the time stipulated as aforesaid. Vendor shall be liable for the losses, which BHEL may sustain by way of such risk purchase in addition to aforesaid penalty for delayed delivery.

15. SUB-CONTRACT:

The purchase order or any part thereof shall not be sub-contracted, assigned or otherwise transferred without previously obtaining the BHEL's consent in writing.

16. FORCE MAJEURE:

If at any time during the continuance of the contract, the performance in which or in any part by either party of any obligations under the contract are prevented or delayed by reason of any war, hostilities, acts of public enemy, civil commotion, sabotage, fires, explosions, epidemics, quarantine restrictions, or acts of God (hereinafter referred to "an events" then provided the notice of happening of any such event is given by either party to the other within 21 days of the occurrence thereof, neither party shall by reason of such event be entitled to terminate the contract nor shall either party have any claim for damages against the other in respect of such non-performance and delay in performance and delivery under the contract shall be resumed as soon as practicable after such event has come to an end or ceased to exist. If the performance in whole or part of any obligation under the contract is prevented or delayed by reason of any such event, claims of extension of time shall be granted for periods considered reasonable by BHEL subject to prior notification by the vendor to BHEL of the particulars of the event and supply to BHEL, if required, of any supporting evidence. Any waiver of time in respect of partial installment shall not be deemed a waiver of time in respect of remaining deliveries.

17. DISPUTES:

In the event of any dispute and/or difference arising between the Vendor and BHEL as to interpretation and/or execution of the contract and/or the respective rights and liabilities of the parties, such disputes and/or differences shall be referred to the sole arbitrator nominated by BHEL. The provisions of the Indian Arbitration Act and the rules there under shall apply to such arbitration. The award passed by the arbitrator shall be final and conclusively binding on all the parties.

18. JURISDICTION:



The court of the place from where the purchase order is issued during the contractual period shall alone have jurisdiction to decide any dispute arising out of or in connection with the purchase order.

19. MSME & MSE Certification:

If the bidder is registered as any of Micro/Small/Medium enterprise as defined in Micro Small and Medium Enterprises Development Act, 2006; a copy of registration certificate to be attached. MSE's shall be given preferences as described in "Public Procurement Policy for Micro and Small Enterprises (MSEs) Order, 2012" subject to the submission of proper documentary evidence (i.e. District Industries Centers or Khadi and Village Industries Commission or Khadi and Village Industries Board or Coir Board or National Small Industries Corporation or Directorate of Handicrafts and Handloom or any other body specified by Ministry of Micro, Small and Medium Enterprises) with quotation. "Public Procurement Policy for Micro and Small Enterprises (MSEs) Order, 2012" document can be downloaded from link <http://dcmsme.gov.in/FinalPressorder.pdf> and can also be collected from the office of Manager/MM IVP Goindwal.

20. CLARIFICATIONS


The correspondence exchanged against the tender from both tenderer and BHEL through email are considered as valid document legally though it is not signed. It is treated as valid confirmations made on behalf of the respective company and very much comes under the legal ambit of the business transaction and hence it is binding on both the parties to the business. Any transaction pertaining to the tender from both the parties of business done round the clock irrespective of the office or business hours of the companies, are valid legally and binding on both the parties. This applies to the extent only in such cases where deadline time for transaction is not specifically declared by either or both the parties to the business. In case Letter of Intent (LOI) is issued through email, the PC generated time and date of mail shall be construed as the official time and date of release of LOI. In as much as this date is within the last date of validity given by the bidder the LOI is said to have been issued within the validity period and shall be binding on both the parties to the business.

21. LOI (Letter of Intent)

BHEL may issue LOI prior to the PO for any reason whatsoever. The LOI in such cases is to be treated as PO for all practical purposes and all the Terms & Conditions of the tender shall be applicable from the date of issue of LOI.

22. WORDS AND FIGURES:

- a. If, in the price structure quoted for the required goods/ services/ works, there is discrepancy between the unit price and the total price (which is obtained by multiplying the unit price by the quantity), the unit price shall prevail and the total price corrected accordingly, unless in the opinion of the purchaser there is an obvious misplacement of the decimal point in the unit price, in which case the total price as quoted shall govern and the unit price corrected accordingly.
- b. If there is an error in a total corresponding to the addition or subtraction of subtotals, the subtotals shall prevail and the total shall be corrected; and

 BHEL GOINDWAL	TERMS AND CONDITIONS FOR (Tender Enquiry No. 1415-005 Dated 24.04.2014) Due Date of tender: 15.05.2014
--	--

- c. If there is a discrepancy between words and figures, the amount in words shall prevail, unless the amount expressed in words is related to an arithmetic error, in which case the amount in figures shall prevail subject of (a) and (b) above.

If there is such discrepancy in an offer, the same shall be conveyed to the bidder with target date upto which the bidder has to send his acceptance on the above lines and if the bidder does not agree to the decision of the purchaser, the bid is liable to be ignored

23. **BANNED FIRMS:**

The offers of the bidders who are on the banned list as also the offer of the bidders, who engage the services of the banned firms, shall be rejected. The list of banned firms is available on BHEL website www.bhel.com.

24. **GENERAL:**

- a. BHEL will not be bound by any power of attorney granted by the vendors or by changes in the composition of the firm made subsequent to the execution of the contract. They may, however, recognize such power of attorney and changes after obtaining proper legal advice, the cost of which will be chargeable to the vendor concerned.
- b. BHEL reserves the right to extend the due date of opening, which shall be informed. Validity of offer shall be deemed to be revised accordingly.
- c. BHEL reserves the right to accept or reject any part or whole of the tender of a bidder by assigning a valid reason thereof. BHEL reserves the right to cancel the tender without assigning any reason thereof and without any obligation before any commitment.
- d. If possible, please submit soft copy of price quotation [copied on a blank CD of standard make] put in the sealed offer.
- e. Acceptance of all terms and conditions, in the form of signed copy of T&C or confirmation separately written, shall be submitted along with quotation. If nothing is mentioned, it shall be concluded that terms and conditions are acceptable.

CHECKLIST AND SEQUENCE OF DOCUMENTS TO BE SUBMITTED IN TWO PARTS BIDS

S. No.	Document	Status
1	Envelope should contain (1) Techno-Commercial bid preferably with signed copy of terms & conditions (2) Unpriced bid format (Annexure-II) with applicable taxes (item prices not to be mentioned)	Sealed envelope marked as Part-I "Techno-Commercial Bids" Yes, Sealed
2.	Price Bid (Preferably in Annexure-III) sealed in separate envelope superscribing tender enquiry detail, due date of opening, sender address	Sealed envelope marked as Part-II "Price Bid" Yes, sealed
3.	All two sealed envelopes put in an outer envelope mentioning all details like Enquiry no., description, due date	Yes



Certificate by Chartered Accountant on letter head

This is to Certify that M/S
(hereinafter referred to as 'company') having its registered office at
is registered under MSMED Act 2006, (Entrepreneur
Memorandum No (Part-11) dtd:.....,
Category:.....(Micro/Small)). (Copy enclosed).

Further verified from the Books of Accounts that the investment of the company as on
date..... as per MSMED Act 2006 is as follows:

1. **For Manufacturing Enterprises:** Investment in plant and machinery (i.e. original cost
excluding land and building and the items specified by the Ministry of Small Scale Industries vide its
notification No.S.O.1722(E) dated October 5, 2006:
Rs.....Lacs
2. **For Service Enterprises:** Investment in equipment (original cost excluding land and building and
furniture, fittings and other items not directly related to the service rendered or as may be notified under the MSMED
Act, 2006:
Rs.....Lacs

The above investment of Rs.....Lacs is within permissible limit of
Rs.....Lacs forMicro / Small (Strike off which is not applicable)
Category under MSMED Act 2006.

Date:

(Signature)

Name-

Membership number-

Seal of Chartered Accountant

Annexure-II : Unprice Bid format for Enquiry No.1415-005 dt. 24.04.14

Enq. Sr. No.	Material	Matl Desc	Unit of Measure	Qty Reqd	Quoted	Specify the make	Unit Basic Price, Rs. per Unit.
1	GWS67009209	1.5 sqmm single core copper wire	Role	7	Yes/No		"Pl. see price bid"
2	GWS67009342	2 core 1.5 sqmm copper cable	Meter	600	Yes/No		"Pl. see price bid"
3	GWS67009343	3 core 2.5 sqmm copper cable	Meter	300	Yes/No		"Pl. see price bid"
4	GWS67009217	4 core 4 sqmm copper cable wire	Meter	300	Yes/No		"Pl. see price bid"
5	GWS67009341	4 core 10 sqmm copper cable	Meter	200	Yes/No		"Pl. see price bid"
6	GWS67009211	4 sqmm single core copper wire	Meter	100	Yes/No		"Pl. see price bid"
7	GWS67009212	10 sqmm single core copper wire	Meter	100	Yes/No		"Pl. see price bid"
8	GWS67009110	Diode, S4 HNF 350	Number	10	Yes/No		"Pl. see price bid"
9	GWS67009013	P.V.C Tape 3/4"	Number	500	Yes/No		"Pl. see price bid"
10	GWS67009456	Clamp Meter AC Type (Voltage & Current type)	Number	5	Yes/No		"Pl. see price bid"
11	GWS67009457	Clamp Meter AC-DC-Hz Type (Voltage & Current at variable Frequency Range)	Number	1	Yes/No		"Pl. see price bid"
12	GWS67009458	Multi meter AC (Voltage 400/600V & Current -400A) & DC (400/600V)	Number	2	Yes/No		"Pl. see price bid"
13	GWS67009437	Ring type copper thimble 150 sq.mm	Number	50	Yes/No		"Pl. see price bid"
14	GWS67009438	Ring type copper thimble 185 sq.mm	Number	50	Yes/No		"Pl. see price bid"
15	GWS67009439	Ring type copper thimble 240 sq.mm	Number	50	Yes/No		"Pl. see price bid"
16	GWS67009449	Foot Switch Guard Type with 1 NO + 1NC	Number	8	Yes/No		"Pl. see price bid"
17	GWS67009444	MCB Box Single Pole Four Way Single door	Number	20	Yes/No		"Pl. see price bid"
18	GWS67009442	Pendent box Station with 8 push button type	Number	8	Yes/No		"Pl. see price bid"
19	GWS67009443	Pendent box Station with 4 push button type	Number	8	Yes/No		"Pl. see price bid"
20	GWS67009445	Cable Tie (4")	Number	200	Yes/No		"Pl. see price bid"
21	GWS67009446	Cable Tie (8")	Number	200	Yes/No		"Pl. see price bid"
22	GWS67009447	Cable Tie (12")	Number	200	Yes/No		"Pl. see price bid"
23	GWS67009454	Bulb 60 Watt 240 Volt	Number	50	Yes/No		"Pl. see price bid"
24	GWS67009455	Bulb 60 Watt 24 Volt	Number	100	Yes/No		"Pl. see price bid"
25	GWS67009440	Pendent box with 16 push button type	Number	4	Yes/No		"Pl. see price bid"
26	GWS67009441	MCB Box Single pole two way Single door	Number	20	Yes/No		"Pl. see price bid"

Excise Duty rate (mention in % if applicable, mention as NIL if not applicable)	Applicable/Not applicable	
	Extra/Inclusive	
	% if applicable	<i>Pl. clearly mention in % if applicable</i>
Cess on ED rate (mention in % if applicable)		
CST (%) / VAT (%)	Extra/Inclusive	
	%	
Validity of offers (As per BHEL terms 60 days validity is required)		<i>Pl. clearly mention</i>
The above prices are Firm, without any price esclation; are Rs. per No. Basis; and are on FOR Goindwal Sahib basis.		
We accept all terms and conditions of the Tender Enquiry No. 1415-005 dated 24.04.2014.		
Authorised signatory with seal		

Annexure-III : Price Bid format for Enquiry No.1415-005 dt. 24.04.14

Enq. Sr. No.	Material	Matl Desc	Unit of Measure	Qty Reqd	Unit Basic Price, Rs. per Unit
1	GWS67009209	1.5 sqmm single core copper wire	Role	7	"To be filled by vendor"
2	GWS67009342	2 core 1.5 sqmm copper cable	Meter	600	"To be filled by vendor"
3	GWS67009343	3 core 2.5 sqmm copper cable	Meter	300	"To be filled by vendor"
4	GWS67009217	4 core 4 sqmm copper cable wire	Meter	300	"To be filled by vendor"
5	GWS67009341	4 core 10 sqmm copper cable	Meter	200	"To be filled by vendor"
6	GWS67009211	4 sqmm single core copper wire	Meter	100	"To be filled by vendor"
7	GWS67009212	10 sqmm single core copper wire	Meter	100	"To be filled by vendor"
8	GWS67009110	Diode, S4 HNF 350	Number	10	"To be filled by vendor"
9	GWS67009013	P.V.C Tape 3/4"	Number	500	"To be filled by vendor"
10	GWS67009456	Clamp Meter AC Type (Voltage & Current type)	Number	5	"To be filled by vendor"
11	GWS67009457	Clamp Meter AC-DC-Hz Type (Voltage & Current at variable Frequency Range)	Number	1	"To be filled by vendor"
12	GWS67009458	Multi meter AC (Voltage 400/600V & Current -400A) & DC (400/600V)	Number	2	"To be filled by vendor"
13	GWS67009437	Ring type copper thimble 150 sq.mm	Number	50	"To be filled by vendor"
14	GWS67009438	Ring type copper thimble 185 sq.mm	Number	50	"To be filled by vendor"
15	GWS67009439	Ring type copper thimble 240 sq.mm	Number	50	"To be filled by vendor"
16	GWS67009449	Foot Switch Guard Type with 1 NO + 1NC	Number	8	"To be filled by vendor"
17	GWS67009444	MCB Box Single Pole Four Way Single door	Number	20	"To be filled by vendor"
18	GWS67009442	Pendent box Station with 8 push button type	Number	8	"To be filled by vendor"
19	GWS67009443	Pendent box Station with 4 push button type	Number	8	"To be filled by vendor"
20	GWS67009445	Cable Tie (4")	Number	200	"To be filled by vendor"
21	GWS67009446	Cable Tie (8")	Number	200	"To be filled by vendor"
22	GWS67009447	Cable Tie (12")	Number	200	"To be filled by vendor"
23	GWS67009454	Bulb 60 Watt 240 Volt	Number	50	"To be filled by vendor"
24	GWS67009455	Bulb 60 Watt 24 Volt	Number	100	"To be filled by vendor"
25	GWS67009440	Pendent box with 16 push button type	Number	4	"To be filled by vendor"
26	GWS67009441	MCB Box Single pole two way Single door	Number	20	"To be filled by vendor"

Nothing except prices will be entertained in part-II of tender.

Authorised signatory with seal

Annexure-IV : Technical Requirements for items against Enquiry No.1415-005 dt. 24.04.14

Enq. Sr. No.	Material	Matl Desc	Unit of Measure	Qty Reqd	Make Acceptable	Technical Specification	Test Certificates Required	Guarantee Certificates Required
1	GWS67009209	1.5 sqmm single core copper wire	Role	7	Finolex, Havells, KEI, L & T, BCH, Polycab, RR Kabel, C & S	Annexure- IV.1	yes	yes
2	GWS67009342	2 core 1.5 sqmm copper cable	Meter	600	-- do--	Annexure- IV.1	yes	yes
3	GWS67009343	3 core 2.5 sqmm copper cable	Meter	300	-- do--	Annexure- IV.1	yes	yes
4	GWS67009217	4 core 4 sqmm copper cable wire	Meter	300	-- do--	Annexure- IV.1	yes	yes
5	GWS67009341	4 core 10 sqmm copper cable	Meter	200	-- do--	Annexure- IV.1	yes	yes
6	GWS67009211	4 sqmm single core copper wire	Meter	100	-- do--	Annexure- IV.1	yes	yes
7	GWS67009212	10 sqmm single core copper wire	Meter	100	-- do--	Annexure- IV.1	yes	yes
8	GWS67009110	Diode, S4 HNF 350	Number	10	Usha, EOR, EC, Ruttoonsha, Siemens, Meltron, Semikron, Eupic, BEL, International	--	No	yes
9	GWS67009013	P.V.C Tape 3/4"	Number	500	Steelgrip, 3M, Miracle	--	No	No
10	GWS67009456	Clamp Meter AC Type (Voltage & Current type)	Number	5	Fluke, Amprobe, MECO, Konzerv, L & T	Annexure- IV.2	No	No
11	GWS67009457	Clamp Meter AC-DC-Hz Type (Voltage & Current at variable Frequency Range)	Number	1	Fluke, Amprobe, MECO, Konzerv, L & T	Annexure- IV.3	No	No
12	GWS67009458	Multi meter AC (Voltage 400/600V & Current -400A) & DC (400/600V)	Number	2	Fluke, Amprobe, MECO, Konzerv, Mastech	--	No	No
13	GWS67009437	Ring type copper thimble 150 sq.mm	Number	50	Comet, Hex, Jainson, Universal Machines, Dowells, Uma	--	No	No
14	GWS67009438	Ring type copper thimble 185 sq.mm	Number	50	-- do--	--	No	No
15	GWS67009439	Ring type copper thimble 240 sq.mm	Number	50	-- do--	--	No	No
16	GWS67009449	Foot Switch Guard Type with 1 NO + 1NC	Number	8	L & T, ABB, BCH, Telemecanique, Siemens, Schneider	--	No	No
17	GWS67009444	MCB Box Single Pole Four Way Single door	Number	20	L&T, ABB, BCH, Siemens, C & S, Legrand, Havells, Schneider, Indo Asian	--	No	No
18	GWS67009442	Pendent box Station with 8 push button type	Number	8	BCH, Siemens, Telemecanique, L & T	--	No	No
19	GWS67009443	Pendent box Station with 4 push button type	Number	8	-- do--	--	No	No
20	GWS67009445	Cable Tie (4")	Number	200	(any make)	--	No	No
21	GWS67009446	Cable Tie (8")	Number	200	(any make)	--	No	No
22	GWS67009447	Cable Tie (12")	Number	200	(any make)	--	No	No
23	GWS67009454	Bulb 60 Watt 240 Volt	Number	50	Bajaj, Wipro, Crompton, Havells, Surya, Phillips, GE, Osram	--	No	No
24	GWS67009455	Bulb 60 Watt 24 Volt	Number	100	Bajaj, Wipro, Crompton, Havells, Surya, Phillips, GE, Osram	--	No	No
25	GWS67009440	Pendent box with 16 push button type	Number	4	BCH, Siemens, Telemecanique, L & T	--	No	No
26	GWS67009441	MCB Box Single pole two way Single door	Number	20	L&T, ABB, BCH, Siemens, C & S, Legrand, Havells, Schneider, Indo Asian	--	No	No

Annexure-IV.I : Technical Requirements for item Sr. no. 1 to 7, against Enquiry No.1415-005 dt. 24.04.14

Specification for PVC Flexible Copper Cable & Wires				
Sl.No.	Description for BHEL Requirement	Specified/ To be confirmed by	Offered by Bidders	Deviations / Non-Conformities
	Supply of PVC insulated Flexible Copper Cables & Wires suitable for 1.1KV and conforming to the specification given below.			
1.0	Medium Voltage Power Cable:			
1.1	Nominal area of conductor	sq. mm as specified in the scope of supply		
1.2	Number of cores	as specified in the scope of supply		
1.3	Conductor	Stranded/Circular shaped, Copper as specified in the scope of supply for both cable & wire.		
1.4	Voltage rating	1.1KV, 50Hz, AC		
1.5	Dielectric Insulation	General purpose, PVC compound outersheath for both cable & wire.		
1.6	Outersheath	General purpose, PVC compound outersheath for both cable & wire.		
1.7	Conformance to Indian Standard specification	IS 694:1990		
1.9	Length of Cable/Wire in one roll (as applicable in scope of supply)	100 Mtrs		
1.10	Technical leaflet of the cable/wires indicating the approx. diameter, weight, thickness of insulation/ sheathing/current rating etc. to be enclosed with the offer.	Vendor to provide along with the bid		
2.0	General Features of the M.V.Cables:			
2.1	Cables/Wires shall have the manufacturer name embossed/ printed/ indented on the outer sheath at regular intervals.	vendor to confirm in yes/no		
2.2	Cable/Wires shall have Voltage grade, cable size embossed on the outer sheath.	vendor to confirm in yes/no		
2.3	Routine tests shall be conducted on the cables/wires as per IS and test certificate shall be produced	vendor to confirm in yes/no		
2.4	Make of the cables/wires-	vendor to mention		
3.0	Scope of Supply	Quantity		
3.1	SINGLE CORE 1.5 SQ MM PVC INSULATED FLEXIBLE COPPER WIRE	7 Roll of 100 meter each.		
3.2	2 CORE 1.5 SQ MM PVC INSULATED FLEXIBLE COPPER CABLE	600 m or 6 Roll		
3.3	3 CORE 2.5 SQ MM PVC INSULATED FLEXIBLE COPPER CABLE	300 m or 3 Roll		
3.4	4 CORE 4 SQ MM PVC INSULATED FLEXIBLE COPPER CABLE	300 m or 3 Roll		
3.5	4 CORE 10 SQ MM PVC INSULATED FLEXIBLE COPPER CABLE	200 m or 2 Roll		
3.6	SINGLE CORE 4 SQ MM PVC INSULATED FLEXIBLE COPPER WIRE	100 m or 1 Roll		
3.7	SINGLE CORE 10 SQ MM PVC INSULATED FLEXIBLE COPPER WIRE	100 m or 1 Roll		

Annexure-IV.2 : Technical Requirements for item Sr. no. 10, against Enquiry No.1415-005 dt. 24.04.14

Specification for Clampmeter AC Voltage & Current				
Sl.No.	Description for BHEL Requirement	Specified/ To be confirmed by	Offered by Bidders	Deviations / Non-Conformities
	Clamp meter for AC Voltage & Current			
1.0	Specifications:			
1.1	AC Current- Range	400.0 A Accuracy- 1.8 % \pm 5		
1.2	AC Voltage	400.0 V / 600.0 V Accuracy- 1.5 % \pm 5		
1.3	Resistance	4000 Ω Accuracy- 1.0 % \pm 5		
1.4	Conformance to Safety Rating	CAT III 600 V		
1.5	Technical leaflet to be enclosed with the offer.	Vendor to provide		
1.6	Warranty	2 Years		
1.7	Size Jaw Size Range	25 mm to 35 mm		
1.8	Backlight Display	Yes		
1.9	Data Hold	Yes		
1.10	Make -	vendor to mention		
2.0	Scope of Supply	Quantity		
2.1	Clampmeter AC Type	5 nos.		

Annexure-IV.3 : Technical Requirements for item Sr. no. I I, against Enquiry No.1415-005 dt. 24.04.14

Specification for Clampmeter AC/DC Volatge & Cuurent				
Sl.No.	Description for BHEL Requirement	Specified/ To be confirmed by	Offered by Bidders	Deviations / Non-Conformities
	Clamp meter for AC/DC (Voltage & Current)			
I.0	Specifications:			
I.1	AC Current	40.00 A/400.0 A 2 % ± 5 digits (45 Hz to 65 Hz) 2.5 % ± 5 digits (65 Hz to 400 Hz)		
I.2	DC Current	40.00 A/400.0 A 2 % ± 5 digits		
I.3	AC Voltage	600.0 V 1.5 % ± 5 digits		
I.4	DC Voltage	600.0 V 1.0 % ± 5 digits		
I.6	Resistance	400.0 Ω/ 4000 Ω/ 40.00 kΩ 1.0 % ± 5 digits		
I.7	Frequency Range	5.0 Hz to 500.0 Hz		
I.8	Conformance to Safety Rating	CAT III 600 V CAT IV 300 V		
I.9	Technical leaflet to be enclosed with the offer.	Vendor to provide		
I.10	Warranty	2 Years		
I.11	Make -	vendor to mention		
I.12	Back Light Display	Yes		
I.13	Data Hold	Yes		
I.13	AC Response	True RMS		
2.0	Scope of Supply	Quantity		
2.1	Clampmeter AC/DC Type	I nos.		