



TRICHY, BHEL, TRICHY, POSTAL CODE :620014, TIRUCHIRAPALLI, TAMIL NADU, INDIA

RFQ/NIT HEADER DETAIL

ORGANIZATION NAME TRICHY, BHEL RFQ FLOATED UNDER THE PURCHASE POLICY
RFQ/NIT REFERENCE 2661700159 POLICY
CODE/ENQUIRY NO RFQ OWNER/NIT MR SUBRAMANIAN S (AE1/PUR)
RFQ/NIT TYPE OPEN TENDER OFFICER/ENQUIRY OWNER
NUMBER OF ITEMS ALREADY 5
ATTACHED
CURRENCY ANY
DESCRIPTION ENERGY EFFICIENT LAMPS AND LUMINAIRES
DETAILED DESCRIPTION PROCUREMENT OF ENERGY EFFICIENT LAMPS AND LUMINAIRES
NUMBER OF BID PART(S) 2

ATTRIBUTE(S)

ATTRIBUTE NAME	ATTRIBUTE VALUE
Delivery at	BHEL STORES TRICHY
Inspection By	BHEL ENGINEERS
Validity of the Offer	PRICE SHOULD BE FIXED AND VALID FOR 120 DAYS FROM THE DATE OF TENDER OPENING
Inspection	AT BHEL WORKS TRICHY

DATE-TIME DETAIL(S)

BID START DATE 28 Mar , 2017 12:00:00 AM BID DUE DATE 20 Apr , 2017 2:00:00 PM
BID OPEN DATE 20 Apr , 2017 2:30:00 PM
(SCHEDULED)

PRE-BID DISCUSSION DETAILS

PRE-BID DISCUSSION TYPE NOT REQUIRED

ALTERNATE BID DECRYPTOR(S)

USER DETAILS
MR Admin SANJEEVI B (SDGM/PUR)
MR SUBRAMANIAN S (AE1/PUR)

SELLER DETAIL(S)

CODE	ORGANIZATION NAME
023505	TEST (Mr test ot test)

TERM AND CONDITION DETAIL(S) - SPECIAL TERM(S)

SL. NO.	CATEGORY	DESCRIPTION
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1	SPECIAL TERM(S)	SPECIAL TERM(S) IMPORTANT NOTE: GENERAL NOTE: PLEASE SUBMIT YOUR OFFER IN "TWO PART BID SYSTEM" AS PERTHE ANNEXURES ENCLOSED THROUGH E-TENDER ONLY. ENCLOSURES: ANNEXURE - 'A':- COMMERCIAL TERMS AND CONDITIONS MUST BE FILLED ANDSUBMITTED ALONG WITH TECHNO COMMERCIAL BID. OPENING OF TENDERS: The Part I - Technical & commercial bid alone would be opened on theTender opening date. The Part II - Price bid of technically suitable Bidders alone would beopened. The Technically Suitable Bidders would be informed about thePrice Bid opening date through e-mail / EPS. Clarifications if any required by BHEL for Technical evaluation would besought from Bidders before opening of Part II - price bid.For anyclarification the bidders may contact us through dcm@bheltry.co.in /ssm@bheltry.co.in Submit your offer in E-Procurement website only www.bheleps.buyjunction.in. The bidder along with its associate/ collaborators/ sub-contractors/ sub-vendors/ consultants/ serviceproviders shall strictly adhere to BHEL fraud prevention policy displayed on BHEL website http://www.bhel.comand shall immediately bring to the notice of BHEL management about any fraud or suspected fraud as soon as itcomes to their notice.
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RFQ/NIT ITEM DETAILS

SL. NO.	CODE	DESCRIPTION	QUANTITY	RFQ/NIT U.O.M	OFFER U.O.M
10		100W 2'x2' induction lamp fittingsAs per specification attached:100W 2'x2' induction lamp fittings	100.00	NUMBER	NUMBER
	ATTRIBUTE DETAILS	ATTRIBUTE NAME	ATTRIBUTE VALUE		
		MATERIAL GROUP:	S210350		
		KILOGRAM PER UNIT:	0.0		
		Cenvatable (Yes / No)	Yes		
		Delivery Location	TAMIL NADU		
		Vatable (Yes / No)	Yes		
		Delivery Date (i) :	06-MAY-2017		
		Delivery Qty (i) :	100		
20		Highbay LED recess mounted fittingsAs per specification attached:Highbay LED recess mounted fittings	03.00	NUMBER	NUMBER
	ATTRIBUTE DETAILS	ATTRIBUTE NAME	ATTRIBUTE VALUE		
		MATERIAL GROUP:	S210350		
		KILOGRAM PER UNIT:	0.0		
		Cenvatable (Yes / No)	Yes		
		Delivery Location	TAMIL NADU		
		Vatable (Yes / No)	Yes		
		Delivery Date (i) :	06-MAY-2017		
		Delivery Qty (i) :	3		
30		50W LED FloodlightsAs per specification attached:50W LED Floodlights	08.00	NUMBER	NUMBER





TRICHY, BHEL, TRICHY, POSTAL CODE :620014, TIRUCHIRAPALLI, TAMIL NADU, INDIA

	ATTRIBUTE DETAILS	ATTRIBUTE NAME		ATTRIBUTE VALUE	
		MATERIAL GROUP:		S210350	
		KILOGRAM PER UNIT:		0.0	
		Cenvatable (Yes / No)		Yes	
		Delivery Location		TAMIL NADU	
		Vatable (Yes / No)		Yes	
		Delivery Date (i) :		06-MAY-2017	
		Delivery Qty (i) :		8	
40		2X28W box type luminaires with lampsAs per specification attached:2X28W box type luminaires with lamps	08.00	NUMBER	NUMBER
	ATTRIBUTE DETAILS	ATTRIBUTE NAME		ATTRIBUTE VALUE	
		MATERIAL GROUP:		S210350	
		KILOGRAM PER UNIT:		0.0	
		Cenvatable (Yes / No)		Yes	
		Delivery Location		TAMIL NADU	
		Vatable (Yes / No)		Yes	
		Delivery Date (i) :		06-MAY-2017	
		Delivery Qty (i) :		8	
50		Lowbay LED recess mounted fittingsAs per specification attached.Lowbay LED recess mounted fittings	18.00	NUMBER	NUMBER
	ATTRIBUTE DETAILS	ATTRIBUTE NAME		ATTRIBUTE VALUE	
		MATERIAL GROUP:		S210350	
		KILOGRAM PER UNIT:		0.0	
		Cenvatable (Yes / No)		Yes	
		Delivery Location		TAMIL NADU	
		Vatable (Yes / No)		Yes	
		Delivery Date (i) :		06-MAY-2017	
		Delivery Qty (i) :		18	





TRICHY, BHEL, TRICHY, POSTAL CODE :620014, TIRUCHIRAPALLI, TAMIL NADU, INDIA



100W false ceiling mounting type energy efficient luminaires and lamps

	Description for BHEL Requirement	Specified/ To be confirmed by vendor	Bidder's comments
	Supply of 100W single phase false ceiling mounted energy efficient luminaires and lamps conforming to the specification and features given below.		
1.0	Luminary and lamp fitting		
1.1	Single phase, 230V, 50Hz supply operated induction type lamp with luminary, false ceiling mounted, operatable over a wide range of supply voltage	Bidder to confirm the type and specify operating voltage range	
1.2	Power rating: 100W	Bidder to confirm	
1.3	Protection class: IP 20 or more	Bidder to specify	
1.4	Weight of the fitting: less than or equal to 5kg	Bidder to specify	
1.5	Dimensions of the fitting: Length: 590 to 600mm; breadth: 590 to 600mm; Height: < or equal to 150mm	Bidder to specify	
1.6	Average life of the lamp fitting shall be approx. 1,00,000 hrs	Bidder to specify	
1.7	The lamp should have high colour rendering index; close to day light	Bidder to confirm	
1.8	Makes: Bajaj/Philips/Crompton Greaves/GE/Osram/LVD or other reputed makes acceptable to BHEL based on test reports and certificates	Bidder to specify	
2.0	General Features of the lamp:		
2.1	The material of the fitting shall be high-pressure die-casting aluminum	Bidder to confirm	
2.2	The lamp shall be made of anti-corrosion cold-rolled plate, with the surface of electrostatic spray plastics and appearance must be elegant.	Bidder to confirm	
2.3	The fixture must be easy to disassemble and assemble.	Bidder to confirm	
2.4	Shall be suitable to be equipped with all medium and high-power induction lamps with additional features of energy saving, environmental protection and eye care.	Bidder to confirm	
2.5	Lamp base shall be fastened with suitable hoop, easy to disassemble and install along with high temperature-resistant built-in seals	Bidder to confirm	
2.6	The entire light fitting shall be mounted on PUF panel/false ceiling such that the fittings shall be hung from the beams/purlings of the roof. There shall also be provisions on the mounting plates of the fittings for screwing the light fixtures to the ceiling and hold it in its place. The vendor shall make suitable attachments (if required) to match the cut-out dimensions and clamp/screw the fitting in the designated slot on ceiling.	Bidder to confirm	
2.7	The fitting shall have polished oxidation high pure aluminum reflector with high reflective efficiency and stable optical property	Bidder to confirm	
2.8	The above lamps shall be suitable for mounting on a false ceiling in an air-conditioned dust-free cubicle with two partitions, dimensions of which are given below: Partition 1: L(45.05m)x B(23.35m)x H(3.5m). Partition 2: L(19.3m)x B(23.35m)x H(7.2m).	Bidder to confirm	
2.9	Product certification by CPRI / ETDC / NABL approved labs for power, power factor, operating voltage and THD should be submitted.	Bidder to confirm	
2.10	Replacement Warranty for trouble free operation of the lamp & all sub assemblies for a minimum period of TWO years after successful installation to be provided by the vendor.	Bidder to confirm	
3.0	Scope of Supply	Quantity	

Ref: PR No.89885366; Item SI.20;
Recess mounting LED high bay luminaires suitable for clean room

S.No.	Description	Specification	Bidder Comments
1	Light Source	White Light emitting LED with no UV as a part of the output.	
2	Operation voltage	230V, 50Hz, Single Phase AC	
3	System Power	70-75W. Bidder to specify	
4	Efficacy	100 lumens per watt or more. Bidder to specify	
5	Colour rendering index	75 or more. Bidder to specify	
6	Color temperature	5500K to 6500K cool white. Bidder to specify	
7	LED type	Fail safe type (should conduct upon failure)	
8	LED package make	LumiLEDs, Nichia, CREE, Bridgelux, OSRAM, Toshiba, Sharp, Seoul Semiconductors only	
9	Electronic Driver	Isolated AC-DC driver with high efficiency (>85%). Replaceable without impacting the LED arrangement in the fixture. Open circuit protection, Short circuit protection, Thermal cut off protection with surge protection of minimum 2KV. Make: Philips, GE, CGL, Osram, Bajaj or other reputed makes acceptable to BHEL based on relevant certifications and test reports.	
10	Total Harmonic Distortion	< 20%. Bidder to specify	
11	Power factor	Greater than or equal to 0.9. Bidder to specify	
12	Input current	Bidder to specify	
13	Luminous flux	Bidder to specify	
14	Ambient Operating temperature range	Bidder to specify	
15	Dimension	Bidder to specify.	
16	LED Life time for L70	min 40000 hrs. Bidder to specify	
17	Housing	Diecast Aluminum Housing. Bidder to specify	
18	Finishing	Powder coated	
19	Cover	Poly carbonate/PMMA/Moulded Acrylic	
20	IP code	IP20 or more. Bidder to specify.	
General features			
21	The luminaire surfaces should be easy to clean and to disinfect. The material of construction should be non-corrosive to normal disinfectants like water, mild detergents and commercial grade Isopropyle alcohols.		
22	The luminaire should be totally enclosed and lend itself to thermal cycling for long service life of control gear and lamp.		
23	The sealants and gaskets used should be non-hygroscopic in nature to avoid mould growth due to moisture. Recommended materials are XLPE, Silicon and EPDM.		
24	Since clean rooms are wet cleaned & disinfected, the luminaire should lend itself to protection against moisture and mild water jet cleaning.		
25	The LED luminaire shall be mounted on PUF panel/false ceiling such that the fittings shall be hung from the beams/purlings of the roof. There shall also be provisions on the mounting plates of the fittings for screwing the light fixtures to the ceiling and hold it in its place. The vendor shall make suitable attachments (if required) to match the cut-out dimensions and clamp/screw the fitting in the designated slot on ceiling.		
26	Mounting	To be mounted inside cut-offs given in false ceilings	
27	Waranty	Minimum 2 years for LED, 3 years for driver	
28	Make and Model	The make, model number, country of origin and technical characteristics (including IESNA LM-80 report) of white LEDs used in the lighting system must be furnished	
29	Scope of Supply	Quantity	

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DEEPU THOMAS
 Sr. Maintenance Engineer
 Maintenance & Services
 BHEL, TRICHY - 620 014.

30.1	Recess mounting LED high bay luminaires suitable for clean room as per specification furnished above	3 nos	
31.0	Reference List/ Qualifying Conditions:		
31.1	Only those Bidders who have supplied similar or higher capacity/ size lamp fittings that is working satisfactorily for at least one year after commissioning should quote.	Bidder to confirm. Attach relevant copies	
31.2	Previous PO copies of customers to whom similar equipments have been supplied is to be submitted for qualification of the offer.	Attach copies	
31.3	Authorization certificate from the Principal Supplier should be submitted in case of Dealers/ Agents.	Attach copies	

Manuel
19.1.17.

MANUEL
Sr. Maintenance Engineer
Maintenance & Services
BHEL TRICHY - 620 014.

Deepu Thomas
12/01/17
DEEPU THOMAS
Sr. Maintenance Engineer
Maintenance & Services
BHEL TRICHY - 620 014.

Ref: PR No.89885366; Item SI.30; 50 W LED Floodlights			
S.No.	Description	Specification	Bidder Comments
1	Light Source	White Light emitting LED with no UV as a part of the output.	
2	Operation voltage	230V, 50Hz, Single Phase AC	
3	System Power	50 W. Bidder to specify	
4	Efficacy	70 lumens per watt or more. Bidder to specify	
5	Colour rendering index	> 75. Bidder to specify	
6	Color temperature	5500K to 6000K or higher cool white	
7	LED type	Fail safe type (should conduct upon failure)	
8	LED package make	LumiLEDs, Nichia, CREE, Bridgelux, OSRAM, Toshiba, Sharp, Seoul Semiconductors only	
9	Electronic Driver	Isolated AC-DC driver with high efficiency (>85%). Replaceable without impacting the LED arrangement in the fixture. Open circuit protection, Short circuit protection, Thermal cut off protection with surge protection of minimum 2KV. Make: Philips, GE, CGL, Osram, Bajaj, C&S or other reputed makes acceptable to BHEL based on relevant certifications and test reports.	
10	Total Harmonic Distortion	< 10%	
11	Power factor	Greater than or equal to 0.9	
12	Input current	Bidder to specify	
13	Luminous flux	Bidder to specify	
14	Ambient Operating temperature range	Bidder to specify	
15	Dimension	Compact. Bidder to specify.	
16	LED Life time for L70	min 50000 hrs	
17	Housing	High pressure die cast aluminium	
18	Cover	Sealed toughened glass of thickness 3 mm or higher	
19	IP code	IP 66 or better. Bidder to specify.	
General features			
20	The luminaire surfaces should be easy to clean and to disinfect. The material of construction should be non-corrosive to normal disinfectants like water, mild detergents and commercial grade Isopropyle alcohols.		
21	The luminaire should be totally enclosed and lend itself to thermal cycling for long service life of control gear and lamp.		
22	The sealants and gaskets used should be non-hygroscopic in nature to avoid mould growth due to moisture. Recommended materials are XLPE, Silicon and EPDM.		
23	Mounting	Lamp post, wall or surface mounting with necessary adjustments. The luminaires are intended for use in fencing lights.	
24	Waranty	Minimum 2 years for LED, 3 years for driver	
25	Make and Model	The make, model number, country of origin and technical characteristics (including IESNA LM-80 report) of white LEDs used in the lighting system must be furnished	
26	Scope of Supply	Quantity	
26	50 W LED floodlight luminaires as per specification furnished above	8	
27.0	Reference List/ Qualifying Conditions:		

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 Maintenance & Services
 BHEL, TRICHY - 620 014

27.1	Only those Bidders who have supplied similar or higher capacity/ size lamp fittings that is working satisfactorily for at least two year after commissioning should quote.	Bidder to confirm. Attach relevant copies	
27.2	Previous PO copies of customers to whom similar equipments have been supplied is to be submitted for qualification of the offer.	Attach copies	
27.3	Authorization certificate from the Principal Supplier should be submitted in case of Dealers/ Agents.	Attach copies	

MS Samuel
19.1.17.

MS SAMUEL
Manager
BHEL Trichy
620 014.

Deepu Thomas
12/01/17
DEEPU THOMAS
Sr. Maintenance Engineer
Maintenance & Services
BHEL TRICHY - 620 014.

Ref: PR No.89885366; Item SI.40;
Specification for 2x28 watts T5 fluorescent lamp fitting & lamp

Sl.No	Description for BHEL Requirement	Specified / To be confirmed by Bidder	Comments
	Supply of Elegantly designed, ultra-slim, lightweight, surface mounted, mirror optics luminaries suitable for linear fluorescent lamps of 2X28W T5 High Efficiency luminaries and T5 lamps.		
1.0	Luminaire Suitability	Suitable for operation with 2x28 watts T5 fluorescent lamp fitting with 2 nos of 28 Watts fluorescent lamps. Provision for recessed mounting / direct on surface	
1.1	Housing	Housing should be made from CRCA MS epoxy powder coated sheet and perforated CRCA MS panels separating the light source	
1.2	Reflector construction	High efficiency mirror optic assembly comprises high efficiency bright-anodized aluminum reflectors and cross louvers for glare free operation. Radial light distribution ensures high spacing to mounting ratio and improved vertical illumination.	
1.3	Input Power supply	240V, 1 phase, 50 Hz. A.C	
1.4	Wiring	The T5 luminaries are pre-wired with high efficiency electronic ballast.	
1.5	Technical catalogue/ drawing	Bidder to furnish with the offer	
2.0	Specification for lamp	Double ended linear cool daylight white output, high efficiency fluorescent lamp suitable for recessed mounting luminaries and suitable for 1 Phase, 240V, 50Hz, AC operation. as per IS-2418	
3.0	Make of the luminaire & lamp	Philips, GE, Crompton Greaves, Osram, Bajaj or reputed make acceptable to BHEL.	
3.1	Type no. /Make offered	Bidder to specify	
4.0	Scope of supply		
4.1	2x28 watts T5 fluorescent lamp fitting and other necessary accessories- 8 nos with 28 Watts fluorescent lamps - 16 nos		

M. S. Murali
19.1.17
MAINTENANCE ENGINEER
MAINTENANCE & SERVICES
BHEL TRICHY - 620 014

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12/01/17
DEEPU THOMAS
Sr. Maintenance Engineer
Maintenance & Services
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**Ref: PR No.89885366; Item SI.50;
2'x2' Recess mounting LED clean room low-bay luminaires**

S.No.	Description	Specification	Bidder Comments
1	Light Source	White Light emitting LED with no UV as a part of the output.	
2	Operation voltage	230V, 50Hz, Single Phase AC	
3	System Power	27-32W. Bidder to specify	
4	Efficacy	100 lumens per watt or more. Bidder to specify	
5	Colour rendering index	75 or more. Bidder to specify	
6	Color temperature	5500K to 6500K cool white. Bidder to specify	
7	LED type	Fail safe type (should conduct upon failure)	
8	LED package make	LumiLEDs, Nichia, CREE, Bridgelux, OSRAM, Toshiba, Sharp, Seoul Semiconductors only	
9	Electronic Driver	Isolated AC-DC driver with high efficiency (>85%). Replaceable without impacting the LED arrangement in the fixture. Open circuit protection, Short circuit protection, Thermal cut off protection with surge protection of minimum 2KV. Make: Philips, GE, CGL, Osram, Bajaj or other reputed makes acceptable to BHEL based on relevant certifications and test reports.	
10	Total Harmonic Distortion	< 10%. Bidder to specify	
11	Power factor	Greater than or equal to 0.9. Bidder to specify	
12	Input current	Bidder to specify	
13	Luminous flux	Bidder to specify	
14	Ambient Operating temperature range	Bidder to specify	
15	Dimension	590 to 600mm (L)x 590 to 600mm (W). Bidder to specify.	
16	LED Life time for L70	min 40000 hrs. Bidder to specify	
17	Housing	CRCA sheet	
18	Finishing	Powder coated	
19	Cover	Poly carbonate/PMMA/Moulded Acrylic	
20	IP code	IP20 or more. Bidder to specify.	
General features			
21	The luminaire surfaces should be easy to clean and to disinfect. The material of construction should be non-corrosive to normal disinfectants like water, mild detergents and commercial grade Isopropyle alcohols.		
	The luminaire should be totally enclosed and lend itself to thermal cycling for long service life of control gear and lamp.		
23	The sealants and gaskets used should be non-hygroscopic in nature to avoid mould growth due to moisture. Recommended materials are XLPE, Silicon and EPDM.		
24	Since clean rooms are wet cleaned & disinfected, the luminaire should lend itself to protection against moisture and mild water jet cleaning.		
25	The LED luminaire shall be mounted on PUF panel/false ceiling such that the fittings shall be hung from the beams/purlings of the roof. There shall also be provisions on the mounting plates of the fittings for screwing the light fixtures to the ceiling and hold it in its place. The vendor shall make suitable attachments (if required) to match the cut-out dimensions and clamp/screw the fitting in the designated slot on ceiling.		
26	Mounting	To be mounted inside cut-offs given in false ceilings	
27	Waranty	Minimum 2 years for LED, 3 years for driver	
28	Make and Model	The make, model number, country of origin and technical characteristics (including IESNA LM-80 report) of white LEDs used in the lighting system must be furnished	
29	Scope of Supply	Quantity	

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Maintenance & Services
BHEL, TRICHY - 620 014.

30.1	2x2' Recess mounting LED clean room luminaires as per specification furnished above	18 nos	
31.0	Reference List/ Qualifying Conditions:		
31.1	Only those Bidders who have supplied similar or higher capacity/ size lamp fittings that is working satisfactorily for at least one year after commissioning should quote.	Bidder to confirm. Attach relevant copies	
31.2	Previous PO copies of customers to whom similar equipments have been supplied is to be submitted for qualification of the offer.	Attach copies	
31.3	Authorization certificate from the Principal Supplier should be submitted in case of Dealers/ Agents.	Attach copies	

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BHARAT HEAVY ELECTRICALS LIMITED TIRUCHIRAPALLI
CAPITAL PURCHASE

PART - I

ACCEPTANCE OF COMMERCIAL TERMS AND CONDITIONS BY THE VENDORS.

(This should be essentially filled in and attach with the techno-commercial offer in EPS mode without fail. If this check list is not filled and submitted along with techno-commercial offer (Part I) or if the vendor does not confirm acceptance to the terms and conditions proposed herein, BHEL reserves the right to reject such offers)

CHECK-LIST FOR INDIGENOUS VENDORS

DESCRIPTION
Submit your offer through E-Procurement website only <u>www.bheleps.buyjunction.in.</u> <u>OPENING OF TENDERS:</u> The Part I - Technical & commercial bid alone would be opened on the Tender opening date through EPS. The Part II - Price bid of technically suitable Bidders alone would be opened through EPS. The Technically Suitable Bidders would be informed about the Price Bid opening date through e-mail / EPS. Clarifications if any required by BHEL for Technical evaluation would be sought from Bidders before opening of Part II - price bid. For any clarification the bidders may contact us through ssm@bheltry.co.in / dcm@bheltry.co.in In case of necessity BHEL reserves the right to go for a reverse auction (RA) instead of opening the submitted sealed bid, which will be decided after technical evaluation. Information and general terms and conditions covering RA are given in this Annexure- I (Point no.17).
<u>TAXES AND DUTIES :</u> All Taxes and Duties payable as extra to the quoted price should be specifically stated in offers along with CST & TIN No / Tariff No. etc., failing which the purchaser will not be liable for payment of such Taxes and Duties. Our TIN No. 33243560005, TNGST No. 3560005, CST. No. 239383 Dt. 11-06-1991 & BHEL ECC No. AAACB4146PXM012, Service Tax Reg. No (STC)-AAACB4146PST006. Assessment circle Tiruverambur. Cenvat credit & VAT credit (for Indian Bidders only): If any Excise Duty is payable, the chapter head / sub-head reference and the rate of the duty should be quoted. If the tenderer is availing CENVAT credit for his input materials, the effect of Proforma credit should be passed on to the purchaser <u>Income Tax applicable</u> Any service charges payable towards supervision of E&C, training, performance prove-out etc., will be released after deduction of Income Tax as per Indian Income Tax Act / as per the Govt. of India rules and TDS certificate will be issued by BHEL for such deductions. Applicable service tax on E&C charges will be payable extra. The liability of depositing the same to the Govt. will be of the supplier

BHARAT HEAVY ELECTRICALS LIMITED TIRUCHIRAPALLI
CAPITAL PURCHASE

SL. NO.	<u>BHEL COMMERCIAL TERMS AND CONDITIONS FOR INDIGENOUS SUPPLIES</u>	Vendor's Confirmation / Comments
1	<u>Bid should be submitted in Two Parts.</u> 1. Techno-commercial Bid (Part-I) and 2. Price Bid (Part-II)	
2	<u>ARBITRATION:</u> All disputes or differences whatsoever which may arise at any time during execution of the Contract shall be mutually settled by BHEL and Contractor as per provision of the Contract. However, in the event such disputes cannot be settled mutually, such disputes shall be settled as per the Arbitration and reconciliation Act, 1996 of the Govt. of India and it's subsequent amendments. In case of disputes with the Central PSUs, the same shall be settled at Tiruchirappalli as per the Guidelines of the Govt. of India. However, during the period such disputes are settled either by mutual discussions between the parties or by legal means, Contractor shall continue to do the work as per terms & conditions of Contract.	
3	If offer is received from both OEM/Manufacturer and authorized dealers or Agent, then OEM/Manufacturer offer will only be considered and dealers or Agent offer will be ignored.	
4	Technical confirmation to BHEL's Specification shall be furnished. If needed additional sheets shall be used.	
5	Prices shall be quoted item wise only. Order will be placed to L1 vendor (s) on each individual item basis.	
6	Delivery INCO TERMS- Price quoted -FOR BHEL TRICHY (TN), STORES only Prices shall be quoted on "FIRM PRICE" basis only.	
7	Validity of offer shall be for a minimum period of 120 days from the date of Tender opening	
8	Delivery period from the date of Letter of Intent / Purchase order (write in DAYS/WEEKS)	

BHARAT HEAVY ELECTRICALS LIMITED TIRUCHIRAPALLI
CAPITAL PURCHASE

9	<u>LIQUIDATED DAMAGES:</u> The delivery of the goods specified in the purchase order should be made within the time prescribed. LD for delay in 'Supply' and/or 'E&C' will be applicable to the delays attributed to vendor. LD will be considered separately for 'Delivery' and 'E&C'. Where the seller supplies or dispatches the goods, beyond the delivery period Liquidated damages shall be applicable 0.5% of the total order value per week or part thereof subject to a maximum of 10% of the total order value. ** In case of single delivery date , Order should be completed 100% for processing the bill, otherwise LD will be calculated based on Total PO Value restricted to Max % as mentioned in the PO Condition column Material Despatched after Due date: Once the delivery due date is crossed, bills have to be clubbed till final despatch and forwarded for processing of payment as a single bunch. LD percentage will be calculated from Delivery due date to final despatch date. The rate of LD for delayed E&C shall be @ 0.5% per week of delay of total PO value (Supply + E&C) in E&C subject to a maximum of 10% of total PO value (Supply + E&C). For staggered delivery schedule, LD shall be 0.5% of the undelivered portion per week of the delay or part thereof subject to a maximum of 10% of the total order value. Maximum penalty for delay in Supply and E&C together shall be limited to 15% of total PO value (Supply + E&C). Any deviation from the above LD clause, loading will be applied to the extent to which it is not agreed by the bidder (at offered value). For the purpose of Imposing LD, the Lorry way Bill date shall be considered
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BHARAT HEAVY ELECTRICALS LIMITED TIRUCHIRAPALLI
CAPITAL PURCHASE

10	<u>Payment term for supply portion:</u> Payment term is 100% direct payment after 45 days from the date of receipt and acceptance of materials. Note: Only Direct Payment after goods receipt & acceptance will be accepted .Above payment term acceptance is essential for consideration of your offer Any deviation in the above payment term will attract loading as mentioned below. “Base rate of SBI (as applicable on the date of bid opening. Techno-commercial bid opening in case of two part bids) + 6% shall be considered for loading for the period of relaxation sought by bidders. Payment through Bank is not preferred. In case of Payment through Bank is opted by Supplier, BHEL prefers documents submission through bank with copy of LR and door delivery of Goods to Stores with Consignee copy attached. In this case Loading will be 3% on the offered value. Offers of indigenous Suppliers with payment terms as <u>LC/Advance Payment are liable for rejection.</u> <u>Important Note:</u> BHEL will consider the ranking after the loading is applied as referred vide Sl. No. 9 &10 above wherever deviations are observed.	
11	<u>Following Risk Purchase clause shall be applicable:</u> The purchaser at his option will be entitled to terminate the contract and to purchase elsewhere at the risk and cost of the seller either the whole of the goods or any part which the supplier has failed to deliver or dispatch within the time stipulated or if the same were not available, the best and the nearest available substitute therefore. The supplier shall be liable for any loss which the Purchaser may sustain by reason of such risk purchases.	
12	<u>Erection / commissioning: (if applicable only)</u> Erection / commissioning charges if any has been mentioned in the offer or else confirmation that Erection / commissioning shall be done at free of cost is available in the offer.	
13	The equipment shall be guaranteed as per tender condition from the date of receipt & acceptance /(commissioning date ,if applicable as per tender condition). Normally No deviation permitted and the <u>deviated offers are liable for rejection.</u>	
14	Equipment will be inspected at vendor's works prior to dispatch if applicable. However final inspection and acceptance of equipment will be after installation at BHEL, Trichy and Tamilnadu.	

BHARAT HEAVY ELECTRICALS LIMITED TIRUCHIRAPALLI
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15	The vendor shall provide necessary drawings, Test Certificates and Operating Maintenance Manuals etc., as called for in the Technical Specification, in the required number of copies at no extra cost.	
16	Any warranty replacement during warranty period shall be supplied free of charge on FOR BHEL, Trichy, Tamilnadu basis.	
17	<u>Reverse Auction (RA):</u> BHEL reserves the right to conduct on-line internet Reverse Auction ie. ONLINE BIDDING (THROUGH A SERVICE PROVIDER) for finalizing the Tender. This decision will be communicated to the technically qualified vendors after technical evaluation. Details / General terms / guidelines for conduct of RA are shown below Vendors are requested to confirm their acceptance for BHEL proceeding with RA route for finalization of the enquiry. - For the proposed reverse auction, technically and commercially acceptable bidders only shall be eligible to participate. - BHEL will engage the services of a service provider who will provide all necessary training and assistance before commencement of on line bidding on internet. - BHEL will inform the vendor in writing in case of reverse auction, the details of Service Provider to enable them to contact & get trained. - Business rules like event date, time, start price, bid decrement, extensions etc. also will be communicated through service provider for compliance. - Vendors have to fax the Compliance form in the prescribed format (provided by Service provider) before start of Reverse auction. Without this, the vendor will not be eligible to participate in the event. - BHEL will provide the calculation sheet (e.g., EXCEL sheet) which will help to arrive at "Total Cost to BHEL" like Packing & forwarding charges, Taxes and Duties, Freight charges, Insurance, Service Tax for Services and loading factors (for non-compliance to BHEL standard Commercial terms & conditions) for each of the vendor to enable them to fill-in the price and keep it ready for keying in during the Auction - Reverse auction will be conducted on scheduled date & time. - At the end of Reverse Auction event, the lowest bidder value will be known on the network. - The lowest bidder has to Fax/e-mail the duly signed Filled-in prescribed format as provided on case-to-case basis to BHEL through Service provider within 24 hours of Auction without fail. - Any variation between the on-line bid value and the signed document will be considered as sabotaging the tender process and will invite disqualification of vendor to conduct business with BHEL as per prevailing procedure. - In case BHEL decides not to go for Reverse Auction procedure for this tender enquiry, the Price Bids and price impacts, if any, already submitted and available with BHEL shall be opened as per BHEL's standard practice. - BHEL reserves the right to negotiate if need be, with the "L1" vendor of the Reverse Auction <u>BHEL reserves the right not to consider offers from vendors not complying with the RA process for finalization of the enquiry.</u> - If the Bidder or any of his representatives are found to be involved in Price manipulation/ cartel formation of any kind, directly or indirectly by communicating with other bidders, action as per extant BHEL guidelines, shall be initiated by BHEL and the results of the RA scrapped/ aborted. In case BHEL decides to go for reverse auction, the H1 bidder(s) (whose quote is highest in online sealed bid) may not be allowed to participate in further RA process.	

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18		<u>MSME</u> The bidder may also be a Micro and Small Enterprises (MSE) vendor registered as per MSE act. As per the public procurement policy notified by the Central government, 20% of the tendered quantity is earmarked for MSE suppliers in this tender. Out of the 20% tendered quantity reserved for MSE suppliers, 4% shall be earmarked for procurement from MSE owned by SC / ST entrepreneurs. In case MSE vendor participating in the tender quotes within the price band of L1 + 15%, they will be allowed to supply the portion of the requirement subject to acceptance of L1 price by MSE vendor. In case of more than one such MSE, the supply shall be shared proportionately. "MSE suppliers can avail the intended benefits only if they submit along with the offer, attested copies of either EM II certificate having deemed validity (five years from the date of issue of acknowledgement in EM, II) or valid NSIC certificate or EM II certificate along with attested copy of a CA certificate (Format enclosed at Annexure -V where deemed validity of EM II certificate of five years has expired) applicable for the relevant financial year (latest audited). Date to be reckoned for determining the deemed validity will be the date of bid opening (Part 1 in case of two part bid). Non submission of such documents will lead to consideration of their bid at par with other bidders. No benefit shall be applicable for this enquiry if any deficiency in the above required documents are not submitted before price bid opening. Documents should be notarized or attested by a Gazetted officer for consideration of MSE certificate." <u>KINDLY FILL THE FOLLOWING BOX:</u> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">MSME Type (Please Tick the type of MSME) or Non-MSME</td> <td style="width: 50%; text-align: center;">Micro / Small / Medium / Non-MSME</td> </tr> <tr> <td>MSME Certificate no/Date (Details must be given) for MSME vendor. Certificate needs to be attached</td> <td></td> </tr> <tr> <td>Whether SC/ST (please tick the relevant category) (Community Certificate issued by competent authority shall be attached)</td> <td></td> </tr> <tr> <td>If the Firm is SC/ST category, whether Proprietary or Partnership</td> <td style="text-align: center;">Proprietary / Partnership</td> </tr> <tr> <td>If partnership firm, % share held (Value must be entered)</td> <td></td> </tr> </table>	MSME Type (Please Tick the type of MSME) or Non-MSME	Micro / Small / Medium / Non-MSME	MSME Certificate no/Date (Details must be given) for MSME vendor. Certificate needs to be attached		Whether SC/ST (please tick the relevant category) (Community Certificate issued by competent authority shall be attached)		If the Firm is SC/ST category, whether Proprietary or Partnership	Proprietary / Partnership	If partnership firm, % share held (Value must be entered)	
MSME Type (Please Tick the type of MSME) or Non-MSME	Micro / Small / Medium / Non-MSME											
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If the Firm is SC/ST category, whether Proprietary or Partnership	Proprietary / Partnership											
If partnership firm, % share held (Value must be entered)												

BHARAT HEAVY ELECTRICALS LIMITED TIRUCHIRAPALLI
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<u>OTHER DETAILS REQUIRED</u>		
19	% of Excise Duty with cess (EXTRA / INCLUSIVE / NIL)	
20	% of TAX (VAT) (With Industrial Input Form)	
21	% of TAX (VAT) without form	
22	% of TAX (CST) (with C-form)	
23	% of TAX (CST) (without form)	
24	Packing & Forwarding Charges (in % only)	
25	Freight & transit insurance charges (to be borne by supplier only), if any (in %) Freight charges from Dispatching station to BHEL STORES,TRICHY (TN) ONLY	Freight % Insurance %
26	Approximate Net weight of the total consignment	
27	Approximate Gross weight of the total consignment	
28	Approximate Dimensions of the Consignment	
29	Name of the contact person	
30	Land Line Number	
31	Fax Number	
32	Mobile Number	
33	E-mail ID	
34	PAN No.	
35	CST No.	TIN No.

- a) It is confirmed that all the terms and conditions stipulated in the Enquiry have been fully understood by us and all clarifications & details have been obtained.
- b) Applicable % of ED, Sales Tax -CST or VAT, Service Tax), Freight, Insurance and Installation and Commissioning Charges etc., are indicated in offer.

Full postal Address:

Seal of the vendor

Signature & Office

Note:-

Your specific acceptances to our Arbitration, Payment terms, LD & Risk Purchase (RP) Clause are essential for consideration of your offer. Otherwise your offer is liable for rejection.

No row shall be left blank. Please indicate NA, in case the item is “not applicable”

BHARAT HEAVY ELECTRICALS LIMITED TIRUCHIRAPALLI
CAPITAL PURCHASE

PART - II

MODEL PRICE BID FORMAT FOR INDIAN BIDDERS

Enquiry No. & Date:

Bidder's Offer No. & Date:

Sl N o.	Description of item	Unit (SET/ No)	QTY	Rate /No in Rs. (excluding of all taxes)	VAT/CST in % (CST with C- FORM)	ED in % (extra / inclusive)	Service Tax in %	Total Value in Rs. (inclusive of all taxes)
	Packing & Forwarding charges (if any) in percentage (or) Lumpsum							
	FOR Dispatching station value in Rs.							
	Percentage of Freight & transit insurance charges, if any (Lumpsum or %) Freight & Insurance charges from Dispatching station to BHEL, TRICHY, STORES (TN) ONLY							
	Approximate Net weight of the total consignment							
	Approximate Gross weight of the total consignment							
	Approximate Dimensions of the Consignment							

Signature & Seal of Vendor

The price bid should be submitted only as per the above format. No row shall be left blank. Please indicate NA, in case the item is "not applicable"

BHARAT HEAVY ELECTRICALS LIMITED TIRUCHIRAPALLI
CAPITAL PURCHASE

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—II) dtd.....
.....
Category:..... (Micro/Small)). (Copy enclosed).

Further verified from the Books of Accounts that the investment of the company as per the latest audited financial year 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.0.1722(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

(Strike off whichever is not applicable)

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

Or

The company has been graduated from its original category (Micro/ Small) (Strike off which is not applicable) and the date of graduation of such enterprise from its original category is
(dd/mm/yyyy) which is within the period of 3 years from the date of graduation of such enterprise from its original category as notified vide S.O. No. 3322(E) dated 01.11.2013 published in the gazette notification dated 04.11.2013 by Ministry of MSME.

Date:

(Signature)

Name -

Membership number –

Seal of chartered accountant

BHARAT HEAVY ELECTRICALS LIMITED TIRUCHIRAPALLI
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Terms & Conditions of Reverse Auction

Against this enquiry for the subject item/ system with detailed scope of supply as per enquiry specifications, BHEL may resort to "REVERSE AUCTION PROCEDURE" i.e., ON LINE BIDDING (THROUGH A SERVICE PROVIDER). The philosophy followed for reverse auction shall be English Reverse (No ties).

- a. For the proposed reverse auction, technically and commercially acceptable bidders only shall be eligible to participate.
- b. Those bidders who have given their acceptance for Reverse Auction (quoted against this tender enquiry) will have to necessarily submit online sealed bid" in the Reverse Auction. Non-submission of "online sealed bid" by the bidder for any of the eligible items for which techno- commercially qualified, will be considered as tampering of the tender process and will invite action by BHEL as per extant guidelines in vogue
- c. BHEL will engage the services of a service provider who will provide all necessary training and assistance before commencement of on line bidding on internet
- d. In case of reverse auction, BHEL will inform the bidders the details of Service Provider to enable them to contact & get trained.
- e. Business rules like event date, time, bid decrement, extension etc. also will be communicated through service provider for compliance
- f. Bidders have to fax the Compliance form before start of Reverse auction. Without this, the bidder will not be eligible to participate in the event.
- g. In line with the NIT terms, BHEL will provide the calculation sheet (e.g., EXCEL sheet) which will help to arrive at "Total Cost to BHEL" like Packing & forwarding charges, Taxes and Duties, Freight charges, Insurance, Service Tax for Services and loading factors (for non- compliance to BHEL standard Commercial terms & conditions) for each of the bidder to enable them to fill-in the price and keep it ready for keying in during the Auction
- h. Reverse auction will be conducted on scheduled date & time
- i. At the end of Reverse Auction event, the lowest bidder value will be known on auction portal.

BHARAT HEAVY ELECTRICALS LIMITED TIRUCHIRAPALLI
CAPITAL PURCHASE

Annexure-A

-2-

- j. The lowest bidder has to fax/e-mail the duly signed and filled-in prescribed format for price breakup including that of line items, if required, as provided on case-to-case basis to Service provider within two working days of Auction without fail.
- k. In case BHEL decides not to go for Reverse Auction procedure for this tender enquiry, the Price bids and price impacts, if any, already submitted and available with BHEL shall be opened as per BHEL's standard practice.
- l. Bidders shall be required to read the "Terms and Conditions" section of the auctions site of Service provider, using the Login IDs and passwords given to them by the service provider before reverse auction event. Bidders should acquaint themselves of the „Business Rules of Reverse Auction", which will be communicated before the Reverse Auction.
- m. If the Bidder or any of his representatives are found to be involved in Price manipulation/ cartel formation of any kind, directly or indirectly by communicating with other bidders, action *as per extant BHEL guidelines*, shall be initiated by BHEL and the results of the RA scrapped/ aborted.
- n. The Bidder shall not divulge either his Bids or any other exclusive details of BHEL to any other party.
- o. In case BHEL decides to go for reverse auction, the H1 bidder (whose quote is highest in online sealed bid) may not be allowed to participate in further RA process

DSC GUIDELINES:

It should be DSC (Digital Signature Certificate) (**Class 3- SHA2- 2048 BIT-WITH BOTH SIGNING & ENCRYPTION COMPONENT SEPARATELY**)

For Dsc GUIDELINES & steps regarding procurement & further tasks to be done to submit offer as follows:
The Requirement :

1. A PC with Internet connectivity.
2. DSC (Digital Signature Certificate)(**Class 3- SHA2- 2048 BIT-WITH BOTH SIGNING & ENCRYPTION COMPONENT SEPARATELY**)
3. JRE 1.6 must be installed In your system.

The process of utilizing e-procurement necessitates usage of **DSC (Digital Signature Certificate)(Class 3- SHA2- 2048 BIT- SIGNING & ENCRYPTION)** and you are requested to procure the same immediately, if not presently available with you. Please note that only with DSC, you will be able to login the e-procurement secured site and take part in the tendering process.

The contact details of the DSC Certifying Authority as given below

1 e-Mudhra	http://www.e-Mudhra.com	5 NIC	www.safescrypt.com
2 GNFC	www.ncodesolutions.com	6 Safescrypt	www.safescrypt.com
3 IDRBT	www.idrbtca.org.in	7 TCS	www.tcs-ca.tcs.co.in
4 MTNLTrustline	www.mtnltrustline.com		

(Other)DSC Contact details:

Ms. Solly (M/s. R3 eConsulting Pvt Ltd)

Mobile : 9444841015

Tel Nos. 044 2815 2670 / 72 / 4207 0906

Email : chennai@sgs-ds.com,

soy@saspartners.com

chennai@saspartners.com

We have finalized the e-procurement service Provider as,

M/s m Junction services Limited, Kolkata

Godrej Water Side, 3rd Floor, Tower-1, Plot-V, Block - DP

Sector - V, Salt Lake , Kolkata-700091, West Bengal , INDIA

Please get in touch at below numbers for any issues related to bid submission in EPS.

SL NAME	e-Mail ID	Land Ph No	ROLE
1 Mr. P Peter Raj -	'peter.raj@mjunction.in'	09942069052 Landline : 033 – 66106217 / 6013 / 6426 / 6176 / 6046 (From 9:30am to 5:30pm)	
2 HELP DESK	eps.customercare@mjunction.in	033-66106426/6217/6013/6046/6176 9163348283/9163348284/9163348285 /9163348286/8584008116 (From 5:30pm to 8:30pm)	
3 Mr. Harish Kumar Ramu	harish.ramu@mjunction.in	- Cell No 09840704941	
4. DHANARAJ.P	p.dhanaraj@mjunction.in <u>panneer.dhanaraj@mjunction.in;</u>	(+91) 9500199108, (+91) 9282403700	Customer Relationship Mgr
5 Saumendu Neogi	saumendu.neogi@mjunction.in	(+91) 9163348205	PROJECT MANAGER

After procurement of Digital Certificate kindly follow the process below **for properly login into the BHEL EPS portal.**

1. Please install JRE 1.6 and your Digital Certificates (Class 3) for sign in and encryption.
2. Please install net meeting software like TeamViewer (www.teamviewer.com) for online support.
3. You are required to login to <https://bheleps.buyjunction.in> and click **Sign in**
4. Key in your login code and password and click **Enter**
5. System will ask you to change password,
6. Again login with new password
7. System will show sign in certificate, Select your sign in certificate and click **OK**
8. You will be logged out automatically
9. Contact Buyer for certificate approval
10. After your certificate is approved by Buyer, login again with login code and new password
11. Select Digital certificate
12. On the top right hand margin you will find "**Digital Certificate**" Click on "**Digital Certificate**"
13. Select "**For Encryption**" Radio button if you have **2048** bit certificate. Else you select "**Both**" Radio button if you have **1024** bit certificate.
14. System will display your encryption certificate, Select the same
15. New window will appear showing thumbprint of certificate, Click "**CLOSE**"
16. Then Click "Exit"

Now follow the steps for submission of the tender.

Go to "**TENDERS**" and then click on then "**VIEW**" button. Than select status as "**OPEN FOR QUOTATION SUBMISSION**" and click on the "**ENTER**" button. This will display all the eligible RFQs and then you can click on the relevant RFQ to view all the RFQ details.

- After clicking on the RFQ you would be able to see the RFQ details.
- To view all the items attached to the RFQ, you can click on "**VIEW ITEMS**" button. By clicking on "**BACK**" you can go back to the RFQ header. Now you need to click on "**Response to RFQ/NIT**".
- You will be landed to the RFQ/NIT details page where you will be able to see the Item details..
- To go back to the RFQ you have to click on the "**BACK TO RFQ**" button.
- To respond to the RFQ you have to click on "**RESPOND TO RFQ/NIT**" button and you will be taken to the Terms And Condition page.
- To participate in the RFQ you have to choose the first option (i.e "**I have understood the RFQ/NIT in full and agree to submit quotation for the same on behalf of my organization**") and click on "**ENTER**" button.
- You will be then taken to the **ADD QUOTATION** page where you have to click on "**ADD QUOTATION**" and fill in the relevant bid details.
- You will be taken to the techno-commercial page where you have to fill the relevant fields.
- To add any techno-commercial documents you have to click on "**ADD ATTACHMENT**" button than you have to click on the "ADD ROW" button.
- Then insert **LABEL** name, **FILE** Name and then attach the required file by clicking on the BROWSE option. Now click on the "**SIGN FILE**" button, now the system will ask for the encryption DSC and after successful verification you have to click on "**ATTACH/DETACH**" button for successful file attachment.
- Then click on "**GO TO HEADER**" button to go back to RFQ Header.
- The system will again ask for the Certificate and after successful verification you will be landed to the techno-commercial page.
- After successful verification of the certificate you have to click on "**SAVE AND GOTO ITEMS**" button to put the basic price for the items.
- Again the system will ask for DSC and you have to select you DSC.
- You have to put the basic price in the basic price column and then Click on the "**SAVE AND GOTO HEADER**" button
- Again the system will ask for DSC and you have to select you DSC.
- To submit the quotation click on "**SUBMIT QUOTATION**" button
- After successful verification of DSC, you can submit your quotation by clicking on the "**CONFIRM**" button.

After successful submission of your quotation the system will show that your quotation has been submitted successfully. You are requested to submit the bid well before the due date to avoid the last minute issues.

Please download the Supplier Manual from the below link

e- Procurement – BHEL TRICHY

Dear Sir/Madam,

BHEL Trichy has implemented e-Procurement and it is going to be the way of working in future.

The Requirement :

1. A PC with Internet connectivity &
2. DSC (Digital Signature Certificate)(**Class 3- SHA2- 2048 BIT- SIGNING & ENCRYPTION**)

The following are the benefits of e-Procurement Process.

1. Ensuring no offer is missed due to last minute submission, postal delays etc.
2. Reduced Tendering & ordering cycle time
3. Economical, smoother & speedy communication
4. Greater Transparency
5. Big step towards paperless procurement process, Minimal human error
6. No geographical barriers
7. Vendor gets alerts regarding issue of new tender enquiry, amendments, clarifications etc
8. Submission of offer from the comforts of their office from any location
9. On line clarifications
10. Direct Cost Savings such as reduced Paper costs, reduced printing costs, reduced mailing costs, reduced telephone costs and reduced fax costs.

BHEL has finalized the e-procurement service Provider

M/s m Junction services Limited, Kolkata

Godrej Water Side, 3rd Floor, Tower-1, Plot-V, Block - DP
Sector - V, Salt Lake, Kolkata-700091, West Bengal, INDIA

Please get in touch with them immediately. The contact details of the service provider is given below:

SL	NAME	e-Mail ID	Mobile No	ROLE
1	DHANARAJ.P	panneer.dhanaraj@mjunction.in	(+91) 9500199108	Customer Relationship Mgr.
2	HELP DESK	eps.customercare@mjunction.in	033 – 66106426 / 54 9163348104,9231027017	

The process of utilizing e-procurement necessitates usage of DSC (Digital Signature Certificate)(**Class 3- SHA2- 2048 BIT- SIGNING & ENCRYPTION**) and you are requested to procure the same immediately, if not presently available with you. Please note that only with DSC, you will be able to login the e-procurement secured site and take part in the tendering process.

The contact details of the DSC Certifying Authority as given below

1	e-Mudhra	http://www.e-Mudhra.com	5	NIC	www.safescrypt.com
2	GNFC	www.ncodesolutions.com	6	Safescrypt	www.safescrypt.com
3	IDRBT	www.idrbtca.org.in	7	TCS	www.tcs-ca.tcs.co.in
4	MTNLTrustline	www.mtnltrustline.com			

Your early action in this regard is highly solicited.

Regards