

Tender no: PPX-F&HE/EOI/13-14/01 Date: 25/11/2013.

Notice Expression of Interst for empanelment of New Vendors

The Heavy Electrical Equipment Plant (HEEP) located in Haridwar, is one of the major manufacturing plants of BHEL. The core business of HEEP includes design and manufacture of large steam and gas turbines, turbo generators, hydro turbines and generators and so on.

We are looking for reputed Vendors having capability to supply Fuel Gas for Oxy Fuel Cutting of Carbon steel & low alloy steel equivalent to Bharat metal cutting Gas (BMCG) of M/s BPCL. (Item details and PQR cum specifications are enclosed).

Contact persons:

Mr. Yashpal Yadav Designation: Engineer (PPX-F&HE) Email Id: yash-pal@bhelhwr.co.in Phone No:+91 1334-281478 Mobile: +91 9012227802 Mr. R.S.Chauhan Designation: Sr. Manager (PPX-F&HE) Email Id: yash-pal@bhelhwr.co.in Phone No: +91 1334-281478 Mobile: +91 9410395890

The offers received will be technically evaluated by BHEL & successful short listed parties will be asked to submit their detailed Techno-Commercial offers through formal NIT/Enquiry, for our future requirements. Vendors shall confirm that there is no deviation with respect to BHEL Specifications. However, deviations, if any, are to be listed as a separate attachment. The offers that do not meet the substantial requirements of our specifications are liable to be ignored.

Following documents are to be necessarily filled and submitted along with the technical offer:

1. Details/ Documents in support of Pre-Qualification Requirement (Annexure-1, uploaded)

2. Supplier/Vendor Registration Form. (Indigenous/Foreign as applicable) (Annexure-II, Format up-loaded)

- 3. Quality control documents / procedure.
- 4. Details of Manufacturing Facility
- 5. Company Profile.
- 6. Financial report of the company.
- 7. Past experience along with documentary proof.



Only Technical BID along with the documents mentioned above should be sent and the envelope containing the offer shall be duly sealed and super scribed as "Technical Offer for (ITEM NAME) AGAINST Tender No. PPX-F&HE/EOI/13-14/01, Due Date-30.12.2013, SUBMITTED BY (Name of company)"

- This notification shall be published in National daily (Name with date of publication will be mentioned on BHEL haridwar portal).Last date for downloading tender documents shall be 29.12.2013 till 1700 Hrs.(IST). Tenders will be received up to 1345 Hrs. (IST) on 30.12.2013 and opened on the same day at 1400 Hrs. (IST) in the Tender Room.
- Technical Offers complete in all respect must be addressed to "Shri P K BANSAL, AGM (PPX/F&HE,AIX)".
- EMD & Tender fee are not applicable.
- The Quotation should be from the Principal / Original Manufacturer, failing which the quotation is likely to be ignored. In Case the quotation is submitted through agent, the quotation must accompany original authorization letter.
- Late offers will not be considered in any case. BHEL will not be responsible for any type of postal delay / incomplete information from vendor.
- Amendments / Corrigendum, if any, will be hosted on our web site only.

For any further details please log on to <u>www.bhel.com</u> or <u>www.tenders.gov.in</u> or <u>www.bhelhwr.co.in</u>

> (P K BANSAL) AGM (PPX-PPX-F&HE, AIX)



ANEEXURE-1

Item details and PQR cum specifications

FUEL GAS FOR OXY FUEL CUTTING OF CARBON STEEL & LOW ALLOY STEEL EQUIVALENT TO BHARAT METAL CUTTING GAS (BMCG) OF M/S BPCL

INTRODUCTION-

- For cutting of carbon steel & low ally steel, oxy-fuel cutting process is widely used.
- Conventionally, acetylene gas is used for cutting process as a fuel gas.
- At BHEL, Hardwar, acetylene gas has been replaced by BMCG (Bharat Metal Cutting Gas) a product of M/S BPCL (Bharat Petroleum Corporation Limited) for last 3-4 years due to its certain advantage over acetylene gas mentioned as below.
- Advantage of BMCG over Acetylene-
 - High calorific value of BMCG
 - Quality of cut surface is good without slag & needs no further grinding operation.
 - Cutting with "BMCG" gas produces less slag than with acetylene for same material & thickness
 - Less carbon formation/ deposit for low maintenance and long life nozzles
 - > Faster cutting rate as secondary flame has higher heat value.
 - More safer in aspect of back fire or flash back
 - > Flame is much less luminous so less harmful to eye-sight



BROAD SPECIFICATION-

Offered gas should be equivalent to BMCG -Bharat Metal Cutting Gas (other than conventional Acetylene or LPG) whose broad specification is given as below-

- BMCG is an unique hydrocarbon industrial gas mixed with additive to enhance flame temperature and fine cut finish of gas cut components
- Neutral Flame Temperature 2983°C
- Total heat Value (Kcal/ kg) 12030
- Heat Emission (Kcal/m³)
- a. Primary Flame 4164
- b. Secondary Flame 19080
- Back fire Tendency Low
- Toxicity Low
- Flammibity
 - a. Explosive limit in Qxygen 24 57%
 - b. Explosive limit in air 2.3 9.5%
- Normal Pressure in Cylinder 6 7 Kg/ cm²
 Detection of leakage Strong pungent odour

DELIVERY-

In cylinder of 35 kg (approx)

APPLICATION

- For cutting of gas cut components as a fuel gas
- For preheating of welded assemblies



Annexure-II	Document No.	AA:MM:SR:01
GUIDELINES TO INDIAN SUPPLIERS	Revision No.	01
FOR FILLING-UP		
SUPPLIER REGISTRATION FORM	Page No.	I of II

- 1. Prospective Suppliers may also visit our web site www.bhel.com (link Supplier Registration -> New Supplier Required) to know more about the requirement of new suppliers for various items in our units.
- 2. Registration Form may be obtained from BHEL website <u>www.bhel.com</u>.
- 3. Application for registration, with a covering letter detailing where your products can find application (if possible) in BHEL unit(s), should be sent to:

Supplier Development Cell Unit Name: Bharat Heavy Electricals Ltd. City: India

- 4. In case registration is being sought in multiple units of BHEL, please send the separate application to each unit.
- 5. Any clarification with respect to procedure for registration may be obtained from the Supplier Development Cell of respective BHEL unit.
- 6. The Supplier Registration Form has four parts:

Part A	Organisational Information	Form no. SRF(I)01 – page 1 to 10
Part B	Quality System	Form no. SRF(I)01 - page 11 to 12
Part C	Technical Competence	Form no. SRF(I)01 page 13
		(if sent by BHEL)
Part D	Score Sheet	Form no. SRF(I)01 page 14 to 17
	(to be filled by BHEL)	

The set of formats to be filled by different category of suppliers is as follows:

Sl.No	Supplier Category	Formats
1.	Indian Suppliers (manufacturers)	- Organisational Information
		- Quality System
		- Technical Competence
2.	Indian Stockist/ Trader/ Distributor/ Dealer/ Authorised Agent/ Channel partner/ Indian Sales office or Subsidiary of registered foreign principal	- Organisational Information SRF(I)01- Part A (page 1 to 10 except Sl. No. 5.1, 5.2, 6.6, 6.7, 7 & 8)

- 7. All columns are to be filled up properly in the space provided for. Wherever it is not applicable, please mention "Not Applicable". The form is to be signed by the authorised signatory.
- 8. A separate sheet may be attached if the space provided is insufficient or additional information is to be given. Please put proper identification tag on the separately attached sheet.
- 9. Please ensure that all required enclosures are attached with the filled up Supplier Registration Form and all enclosures are numbered & list of enclosures is given as required.
- 10. As multiple copies of the application forms are required for processing at our end, please do not spiral bound the application forms or its enclosures and instead send them in two hole clip flat file.
- 11. Incomplete forms will be rejected.
- 12. Any information / clarification required by BHEL during evaluation must be given expeditiously.
- 13. Please note that if you are registered and participate in Tender process and qualify to get order from BHEL, your performance based on Quality of your product, delivery performance and service rendered will be evaluated inline with Chapter VI.
- 14. Please fill up the check- list given on next page and send along with the Supplier Registration Forms to BHEL.
- 15. If you are attaching a document in a language other than Hindi/ English, a self attested Hindi/ English translated document may please be also attached.

बी एच ई एल	Annexure-II	Document No.	AA:MM:SR:01
<i>BHE</i>	Check List for Indian Supplier	Revision No.	01
	Registration Form	Page No.	II of II
		1 age 110.	11 01 11

Sl.No.	Check-Point	Yes/No
1.	Information against all points under "Organizational Information" (Part-A) has been given.	
2.	All enclosures and supporting documents have been enclosed.	
3.	Summary list of enclosures has been furnished as per S.N.10 of Organisational Information form no. SRF (I) 01 & S.N 12 of Quality system form no. SRF (I) 01.	
4.	Are you an ISO 9001accredited supplier?	
5.	If yes, have you enclosed "Table of Contents" of your Quality Manual and copy of ISO 9001 accreditation certificate?	
6.	Have you filled up Quality System format given in Part B?	
7.	Technical requirements, specifications, drawings, standards have been received from BHEL before filling up Technical Competence, Part C.	
8.	All the parts of the form & enclosures have been signed by Authorised Signatory.	
9.	Have you attached EFT details? (In original, Certified by the bank)	
10.	If you are seeking registration for a MSME company (as per MSME Act of Government of India), have you attached requisite certificate as per Act?	

Date :

Signature & seal

(Authorised Signatory)

Note: This check list is to be attached with the filled up Supplier Registration Form.

FORM NO. SRF(I) 01 (INDIAN SUPPLIER)

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INFORMATION WITH * MARKS IS SCOREABLE.

PART- A : ORGANISATIONAL SOUNDNESS

ALL COLUMNS SHOULD BE PROPERLY FILLED IN THE SPACE PROVIDED FOR, WHEREVER IT IS NOT APPLICABLE, PLEASE WRITE "NOT APPLICABLE". INCOMPLETE OR INCORRECT FORMS MAY NOT BE CONSIDERED. PLEASE ATTACH SEPARATE SHEET, IF SPACE AVAILABLE IS INADEQUATE.

ALL THE PAGES OF THE FORM ARE TO BE SIGNED ALONGWITH SEAL BY THE AUTHORISED SIGNATORY

ORGANISATIONAL INFORMATION

NAME AND CORRESPONDENCE ADDRESS OF THE SUPPLIER SEEKING REGISTRATION :-

1.0 PRODUCTS / SYSTEMS / SERVICES FOR WHICH REGISTRATION IS APPLIED FOR :

SL. NO.	DESCRIPTION	SIZE & RANGE	MFG. STD/ IS / DIN /BS ETC.
SUPE	PLIER'S AUTHORISED SIGNA	ATORY E	3HEL CERTIFIED ASSESSOR

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	ORG	GANISATIONAL INFORMATION
2.0	GENERAL INFORMAT	ION :
2.1	NAMES OF THE WORD mentioned :	KS/DIVISION (Products manufactured at each works to be
	ADDRESS	:
	E - Mail	:
	TELEPHONE	: Landline
		Mobile
	FAX	:
2.2	NAME OF CHIEF EXECU PROPRIETOR / PARTNE	
2.3	DETAILS OF AUTHORIS	SED SIGNATORY FOR SEEKING CLARIFICATION :
	NAME	:
	DESIGNATION	:
	E - Mail	:
	TELEPHONE	: Landline
		Mobile
	FAX	:
SU	PPLIER'S AUTHORISED	SIGNATORY BHEL CERTIFIED ASSESSOR

FORM NO. SRF(I) 01 (INDIAN SUPPLIER)

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	ORGANISAT	IONA	AL INFORMATION
3.0	OWNERSHIP INFORMATION :		DOCUMENTS TO BE FURNISHED
3.1	GOVT. OF INDIA UNDERTAKIN OR	G:	
	STATE GOVT. UNDERTAKING OR	:	
	LIMITED COMPANY,	:	MEMORANDUM AND ARTICLES OF ASSOCIATION
	OR PRIVATE COMPANY	:	MEMORANDUM AND ARTICLES OF ASSOCIATION
	OR CO-OPERATIVE SOCIETY,	:	SOCIETY RULES AND BYE LAWS
	OR PARTNERSHIP FIRM, OR	:	PARTNERSHIP DEED
	PROPRIETORSHIP,	:	PROFESSION TAX REGN. AND MUNICIPAL REGN.
	ANY OTHER (SPECIFY)	:	
3.2	NATURE OF BUSINESS (MANUFACTURING UNIT/ ENGG CONSULTANT/ EPC CO	: NTRA	ACTOR)
	(AGENTS/ DISTRIBUTORS/STO TRADERS/ INDIAN SUBSIDIAR certificate of principal)		STS/DEALERS/ HANNEL PARTNER – attach authorization
3.3	YEAR OF ESTABLISHMENT	:	
* 3.4	4 YEAR OF COMMENCEMENT O	FBU	SINESS :
SUF	PLIER'S AUTHORISED SIGNATC)RY	BHEL CERTIFIED ASSESSOR

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ORGANISATIONAL INF	ORMATION
4.0 REGISTRATION PARTICULARS	
(FURNISH DETAILS AND ENCLOSE COPY OF CERTIFICA	TE FOR THE FOLLOWING)
4.1 PERMANENT ACCOUNT NO :	
4.2 CENTRAL SALES TAX REGN NUMBER :	
4.3 STATE SALES TAX / TIN NUMBER :	
4.4 EXCISE DUTY REGN NUMBER :	
4.5 EXCISE CONTROL CODE NUMBER :	
4.6 SERVICE TAX REGN NUMBER :	
4.7 CATEGORY AS PER MSMED ACT :	MICRO/ SMALL/ MEDIUM
REGN NO. :	
VALID UPTO : (Attach Certificate) 5.0 TOTAL ORGANISATIONAL STRENGTH : (A	TTACH OPGANISATION CHAPT)
GRADUATE : GRADUATE	DIPLOMA SKILLED NON-SKILLED
MANUFACTURING :	
QUALITY :	
COMMERCIAL / SERVICE AFTER SALES :	
OTHERS :	
TOTAL :	
* 5.1 POWER BACKUP : YES/ NO (GIVE DETAILS)	
* 5.2 DOES THE COMPANY SELL ITS PRODUCT	DIRECTLY : YES/ NO
SUPPLIER'S AUTHORISED SIGNATORY	BHEL CERTIFIED ASSESSOR

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		ORGANISATIONAL INFORMATION	
(FU	RNISH I	PARTICULARS : DETAILS AND ENCLOSE DOCUMENTARY EVIDENCE TE FOR THE FOLLOWING)	Z/ COPY OF
* 6.1 GIVI		COMPANY IS ALREADY REGISTERED WITH ANY O	F BHEL UNITS,
	6.1.1.	BHEL UNIT'S NAME :	
	6.1.2.	SUPPLIER REGN. CODE NO. :	
	6.1.3.	ITEMS FOR WHICH REGISTERED & THEIR SPECIFIC (ENCLOSE PROOF OF SUCCESSFUL EXECUTION ONE OR MORE PURCHASE ORDERS):	
* 6.2	ASME IBR / I MATE	E COMPANY APPROVED BY //NTPC/NPC/EIL/DGS&D/RAILWAYS/ LLOYDS ETC FOR INTENDED ERIAL CATEGORY? : LOSE DOCUMENTARY EVIDENCE)	YES / NO
* 6.3		HE COMPANY ISO 9001 APPROVED? : LOSE CERTIFICATE & TOC OF QUALITY SYSTEM) :	YES / NO
* 6.4		IE COMPANY AN ISO 14000 APPROVED? : LOSE CERTIFICATE) :	YES / NO
* 6.5		HE COMPANY OHSAS - 18000 APPROVED?: LOSE CERTIFICATE)	YES / NO
* 6.6	(FOF	HNICAL COLLABORATOR : REIGN OR INDIGENOUS) CLOSE DOCUMENTARY EVIDENCE)	
* 6.7	R&D	SET UP	
6.8	BHEL F NAME STAFE DESIGN Unit & D	FORS / PARTNERS, IF RELATED TO ANY EMPLOYEE. : NO. : NATION : DEPARTMENT : FIONSHIP :	

SUPPLIER'S AUTHORISED SIGNATORY BHEL CERTIFIED ASSESSOR

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ORGANISATIONAL INFORMATION
5.9 IF ANY EX-BHEL PERSONNEL IS EMPLOYED BY THE
COMPANY, MENTION HIS / HER DETAILS OF LAST POSTING.
NAME:STAFF NO.:DESIGNATION:UNIT & DEPARTMENT:DATE OF LEAVING SERVICE:
5.10 COMPANY'S WEEKLY HOLIDAYS :
WORKS OFFICE
5.11 EXPERIENCE LIST:
(ATTACH LIST OF PRESENT CUSTOMERS WITH NAME & ADDRESS FOR OFFERED / SIMILAR TYPE & SIZE OF ITEM / EQUIPMENT FOR WHICH REGISTRATION HAS BEEN SOUGHT AND WITH WHOM YOU HAVE CONTINUOUS BUSINESS SINCE LAST THREE YEARS . ALSO ATTACH PERFORMANCE CERTIFICATES ISSUED BY ANY TWO CLIENTS FOR SUCCESSFUL EXECUTION OF THE CONTRACTS FOR LAST TWO YEARS- FOR PEM)
*6.12 DETAILS OF PENDING LEGAL ISSUES ON CONTRACTUAL ASPECTS WITH CUSTOMER , IF ANY
5.13 The following information of Bank Account of the Company, duly endorsed by the Bank (required for Electronic Fund Transfer –EFT/RTGS) is to be submitted
1. Name of the Company
2. Name of Bank
 Name of Bank Branch City/Place
5. Account Number
6. Account type
7. IFSC code of the Bank Branch
8. MICR Code of the Bank Branch
9. Details of other Bankers (for reference purpose only)
NOTE :
(i) Suppliers who have already submitted the above information are requested to submit a copy of the same.
s the sume.

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ORGANISATIONAL INFORMATION

7.0 MANUFACTURING FACILITIES:

***7.1 LIST OF MANUFACTURING FACILITIES/EQUIPMENTS (INCLUDING** MATERIAL HANDLING FACILITY)

SL. NO	DESCRIPTION OF MACHINE/EQUIPMENT	QUANTITY	MAKE & YEAR OF INSTALLATION	REMARKS		
IN CASE OF SDACE I IMITATION, DI FASE ENCLOSE ANNEVLIDE / CATALOCHE						

IN CASE OF SPACE LIMITATION, PLEASE ENCLOSE ANNEXURE / CATALOGUE WITH TAG

* 7.2 IF IN-HOUSE MFG FACILITIES NOT AVAILABLE, INFORM SOURCE OF MFG. DETAILS ALONGWITH THEIR FACILITIES & EXPERIENCE

SL.	PROCESS	NAME OF	DESCRIPTION OF MACHINE	REMARKS			
NO	OUTSOURCED	THE	/ EQUIPMENT				
		COMPANY					
IN C	IN CASE OF SPACE LIMITATION ENCLOSE ANNEXURE / CATALOGUE WITH TAG						

* 7.3 RATIO OF OUTSOURCED COST TO TOTAL PRODUCTION VALUE:

SUPPLIER'S AUTHORISED SIGNATORY BHEL CERTIFIED ASSESSOR

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ORGANISATIONAL INFORMA TION

8.0 INSPECTION & TESTING FACILITIES:

* 8.1 LIST OF INSPECTION & TESTING FACILITIES / EQUIPMENT

SL.	DESCRIPTION OF	NOS.	MAKE & YEAR OF	LAST DATE OF			
NO	FACILITY/ EQUIPMENT		MANUFACTURING	CALIBERATION			
	& CAPACITY						

IN CASE OF SPACE LIMITATION ENCLOSE ANNEXURE / CATALOGUE WITH TAG

* 8.2 IF IN-HOUSE TESTING FACILITIES NOT AVAILABLE, INDICATE SOURCE OF TESTING ALONGWITH THEIR FACILITIES & EXPERIENCE

SL.	TEST	SOURCE	DESCRIPTION OF	APPROVAL OF EQUIPMENT/			
NO		OF	FACILITY/ EQUIPMENT	PROCESS/PERSONNEL			
		TESTING	& CAPACITY	QUALIFICATION			
IN C	IN CASE OF SPACE LIMITATION ENCLOSE ANNEXURE / CATALOGUE WITH TAG						

Note:

In case of outsourcing of major testing such as NDT, Electrical & Mechanical Testing, no marks will be awarded. However, material composition testing by chemical method from recognized laboratory shall not attract negative marking

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	ORGANISATIO	NAL INFO	RMA TION		
	FINANCIAL INFORMATION	FOR THE PR	EVIOUS FOU	IR YEARS	
9.0	Parameter	Year 1	Year 2	Year 3	Year 4
		(Years in asc	ending order,	Money value ir	n Rs. Lakhs)
* 9.1	NET WORTH (Share Capital +Reserves)				
	Growth over previous year (%)				
9.2	LONG TERM DEBT / LOAN				
* 9.3	DEBT EQUITY RATIO Long term Debt (9.2) Net worth (9.1)				
	INVESTMENT IN: Land & Building				
9.4	Plant & Machinery				
1	Other Fixed Assets				
	NET CURRENT ASSETS a) Cash on hand				
	b) Account receivable				
	c) Inventories				
	Total				
9.5*	CURRENT LIABILITY a) Sundry creditors				
	b) Interest accrued but not due				
	2 c) Other liabilities				
	Total				
	* QUICK RATIO <u>CA - INVENT. {9.5(1)-9.5(1)c}</u> 3 Current liability {9.5 (2)}				
* 9.6	SALES				
5.0	Growth over previous year (%)	********			
* 9.7	PROFIT BEFORE TAX				
	Growth over previous year (%)				
* 9.8	Whether the supplier has been refe any other Govt agency (If YES , e				YES / NO
* 9.9	Whether the supplier is a potential sick company.(If YES , enclose details)				
incorpora highlighte 2. Statu Serv	. Copies of annual accounts (Balance s ation which ever is less) along with aud ed in the Balance Sheet. us of Tax assessments done under vari ice Tax, Custom) and details of dispute hitted.	it report are to ous laws (Inco	be submitted.	The above det	ails shall be bise &
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ORGANISATIONAL INFORMATION

10. LIST OF ENCLOSURES (Tags to be put on enclosures) :

(i)	MEMORANDUM AND ARTICLES OF ASSOCIATION / SOCIETY RULES AND BYE LAWS / PARTNERSHIP DEED/ PROFESSION TAX REGN & MUNICIPAL REGN.	: YES / NO
(ii)	Copy of certificate of following:-	
	PERMANENT ACCOUNT NO	: YES / NO
	CENTRAL SALES TAX REGN NUMBER	: YES / NO
	• STATE SALES TAX / TIN NUMBER	: YES / NO
	EXCISE DUTY REGN NUMBER	: YES/ NO
	EXCISE CONTROL CODE NUMBER	: YES / NO
	SERVICE TAX REGN NUMBER	: YES / NO
	• REGN NUMBER OF CATEGORY AS PER MSMED ACT	: YES / NO
(iii)	ORGANISATION CHART	: YES / NO
(iv)	If registered with any other BHEL Unit,	
	• LETTER OF REGISTRATION WITH BHEL UNIT	: YES / NO
	• PROOF OF SUCCESSFUL EXECUTION OF ONE OR MORE PURCHASE ORDERS	: YES / NO
(v)	Letter of approval from ASME / NTPC / NPC / EIL / DGS&D / RAILWAYS /IBR / LLOYDS ETC	: YES / NO
(vi)	Accreditation certificate for	
	• ISO: 9001	: YES / NO
	• TOC of Quality System Manual	: YES / NO
	• ISO : 14000	: YES / NO
	• OHSAS, ISO 18000	: YES / NO
(vii)	Letter regarding technical collaboration	: YES / NO
(viii)	Experience List / Performance certificate	: YES / NO
(ix)	Balance Sheet for the last four years along with audit Report	: YES / NO
(x)	Principal's authorization in case of dealers/ agents	: YES / NO
(xi)	EFT Bank's certificate	: YES / NO

I /WE GIVE THE UNDERTAKING THAT BHEL DRAWINGS & SPECIFICATIONS SHALL NOT BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF BHEL AND/ OR FOR SUPPLY OF ANY MATERIAL, PRODUCT OR SERVICES DIRECTLY OR INDIRECTLY TO ANY OTHER CUSTOMER.

Maximum Marks = 50 Negative Marks = -13 Minimum Qualifying marks = 30

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FORM NO. SRF(I) 01 Part B (QUALITY SYSTEM):

Sl. No	PARAMETERS	(Tick if exists & provide (evidences if ticked in a		RECORDS (Tick if available & submit	REMARKS
		Written Procedure	Practice	evidences)	
1*	Incoming Material Control System				Furnish a copy of system and organization.
2*	In process control				Furnish at least one work instruction & record of process control parameter
3*	Manufacturing / Testing Procedure Qualification				Procedure Qualification specification may be submitted
4*	Personnel qualification for 3 above.				Record of Personnel qualification (PQR) to be submitted
5*	Calibration system				Submit list of instrument & their calibration status
6*	System of Identification & Traceability of materials, tools, jigs, fixtures & processed components, etc.				Copy of procedure to be submitted
7*	System of Storage, Preservation , Painting & packing				Copy of procedure to be submitted
8*	System of NCR disposition & corrective preventive action				Two copies of NCR & CAPA
9*	Customer complaints handling system				Submit list of customer complaints & status for the last three years
10*	Safety measures				Submit copy of safety system & Record of accidents for last three years
11	Any other quality initiative				

SUPPLIER'S AUTHORISED SIGNATORY

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FORM NO. SRF(I) 01 Part B (QUALITY SYSTEM):

12. LIST OF ENCLOSURES

- (i) Copy of system of ontrol incoming materials and organization chart
- (ii) Copy of at least one process control work instruction
- (iii) Record of process control parameter
- (iv) Copy of at least one Procedure Qualification specification
- (v) Record of Personnel qualification (PQR)
- (vi) List of instrument & their calibration status
- (vii) Copy of procedure for Identification & Traceability of materials, tools, jigs, fixtures & processed components, etc.
- (viii) Copy of procedure for Storage/ preservation/ painting & packing
- (ix) Copies of two NCRs and their CAPA.
- (x) List of customer complaints & status for the last three years
- (xi) Copy of safety system
- (xii) Record of accidents for last three years

Maximum Marks = 25 Minimum Qualifying marks = 15

SUPPLIER'S AUTHORISED SIGNATORY

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FORM NO. SRF(I)01

Part C : TECHNICAL COMPETENCE

Technical competence shall be evaluated in two parts viz. common competence and product/ material category specific competence.

(i) COMMON TECHNICAL COMPETENCE (Max Marks: 10)

TECHNICAL COMPETENCE (where design specification is given by BHEL)	MARKING RANGE	SUPPLIER RESPONSE (ALONG WITH SUPPORTING DOCUMENTS)#	MARKS BY BHEL
1. Supplier understands the product specification.	(0-3)		
2. Supplier understands the inspection requirements.	(0-2)		
3. Supplier has process capability to achieve the product specification/dimensional requirement.	(0-3)		
4.Supplier has experienced manpower to carry out the job.	(0-2)		
TOTAL MARKS OUT OF POSSIBLE (10) =	0.5		

		<u>DR</u>					
		PROCE	DURE	SYSTEM		RECOR	DS
			-	EFFEC	Л		1
TECHNICAL COMPETENCE (where performance specification is given by BHEL)	MARKING RANGE	SUPPLIER RESPONSE (ALONG WITH SUPPORTING DOCUMENTS)#	MARKS BY BHEL	SUPPLIER RESPONSE (ALONG WITH SUPPORTING DOCUMENTS)#	MARKS BY BHEL	SUPPLIER RESPONSE (ALONG WITH SUPPORTING DOCUMENTS)#	MARKS BY BHEL
1. Design capability	(0-3)						
2. Adequacy of quality assurance plan	(0-2)						
3. Process capability for components	(0-3)						
4. Adequate of testing	(0-2)						
TOTAL MARKS OUT OF POSSIBLE (10)							
Average of Total (Total/3) =							

(ii) PROUCT/ MATERIAL CATEGORY SPECIFIC TECHNICAL COMPETENCE

(Max Marks: 15)

Unit MISCC to structure the parameters to be considered for the technical competence depending on material category. The score of individual parameter selected is to be decided by MISCC. MISCC shall identify the requirement of enclosures to be furnished by supplier Product:

Sl. No	Material category	Tech Parameter	Supplier's response	Remarks

To be filled up only on receipt of technical requirements/ specification, drawings, standards from BHEL and to be sent to BHEL for further scrutiny. Enclose documentary evidence where ever required.

LIST OF ENCLOSURES:

Maximum Marks = 25 Minimum Qualifying marks = 15

No marks is to be given by the supplier. Only supplier response along with supporting documents,

SUPPLIER'S AUTHORISED SIGNATORY

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ANNEXURE-II

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Part D : SCORE SHEET

1. ORGANISATIONAL SOUNDNESS (for Manufacturers):

S.N.	PARAMETER	CRITERIA	Maxm. Marks	Marks Awarded
1.	Whether all relevant information like ownership, PAN no.,	Yes: 2		
	sales tax no., excise duty no., etc. submitted	No: 0	2	
2.	3.4 YEAR OF COMMENCEMENT OF BUSINESS	More than 5 years : 2		
		1-5 years : 1	2	
		Less than 1 year : 0		
3.	5.1 POWER BACKUP	Yes :1	1	
		No : 0		
4.	5.2 DOES THE COMPANY SELL ITS PRODUCT	Yes :1	1	
	DIRECTLY	No : 0		
5.	6.1 REGISTERED WITH ANY OF BHEL	Yes (same item) : 2	2	
	UNITS	Yes (another item) : 1		
		No : 0		
6.	6.2 APPROVAL BY ASME/ NTPC/ NPC/ EIL/ DGS&D/	Yes : 2	2	
	RAILWAYS/ IBR/ LLOYDS ETC	No : 0	_	
7.	6.3 ISO 9001 ACCREDITATION	Yes : 3	3	
		No : 0	-	
8.	6.4 ISO 14000 ACCREDITATION	Yes : 1	1	
0.		No : 0	-	
9.	6.5 OHSAS - 18000 ACCREDITATION	Yes : 1	1	
		No : 0	_	
10.	6.6 TECHNICAL COLLABORATOR :	Yes : 1	1	
101	(FOREIGN OR INDIGENOUS)	No : 0		
11.	6.7 R & D SET UP	Yes : 1	1	
		No : 0	-	
12.	6.12 PENDING LEGAL ISSUES ON TECHNO –	Yes : -5	0	
	COMMERCIAL ASPECTS WITH CUSTOMER	No : 0	-	
13.	7.1 & 7.2 MANUFACTURING FACILITIES INCLUDING	Adequate : 3	3	
15.	OUTSOURCING	Substantial : 2	5	
	oursourceive	Inadequate :0		
14.	7.3 RATIO OF OUTSOURCED COST	Less than 10% : 2	2	
14.	TO TOTAL PRODUCTION VALUE	10 to 30 % :1	2	
	TO TOTAL TRODUCTION VALUE	More than 30% : 0		
15.	8.1 INSPECTION & TESTING	Adequate : 2	2	
15.	FACILITIES	Substantial : 1	2	
		Inadequate : 0		
16.	8.2 OUTSOURCING OF MAJOR TESTING FACILLTY	Yes : 0	1	
10.	(Refer Note)	No : 1	1	
	TOTAL	110 : 1	25	
	IUIAL		23	

1. ORGANISATIONAL SOUNDNESS (for Indian Stockist/ Trader/ Distributor/ Dealer/ Authorised Agent/ Channel partner/ Indian Sales office or Subsidiary of registered foreign principal):

S.N.	PARAMETER	CRITERIA	Maxm. Marks	Marks Awarded
1.	Whether all relevant information like ownership, PAN no.,	Yes: 7	7	
	sales tax no., etc. submitted (clause 6.0 of chapter V to be	No: 0		
	referred in this regard)			
2.	3.4 YEAR OF COMMENCEMENT OF BUSINESS	More than 3 years : 2		
		1-3 years : 1	2	
		Less than 1 year : 0		
3.	6.1 REGISTERED WITH ANY OF BHEL	Yes (same item) : 2	2	
	UNITS	Yes (another item) : 1		
		No : 0		
4.	6.2 APPROVAL BY ASME/ NTPC/ NPC/ EIL/ DGS&D/	Yes : 2	2	
	RAILWAYS/ IBR/ LLOYDS ETC	No : 0		
5.	6.3 ISO 9001 ACCREDITATION	Yes : 2	2	
		No : 0		
6.	6.12 PENDING LEGAL ISSUES ON TECHNO -	Yes : -5	0	
	COMMERCIAL ASPECTS WITH CUSTOMER	No : 0		
BHE	L CERTIFIED ASSESSOR			

FORM NO. SRF(I) 01 (INDIAN SUPPLIER)

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<u>Part D</u>: SCORE SHEET 2. FINANCIAL INFORMATION (for Manufacturers):

S.N.	PARAMETER	CRITERIA	Maximum Marks	Marks Awarded
1.	9.1 Growth of Net Worth over previous year (%) Average of three years to be worked out		5	
2.	9.3 DEBT EQUITY RATIO Long term Debt (9.2) Net worth (9.1)	0 or below : 0 1 : 1 : 5 1.1 upto 1.5 : 1 : 4 1.6 upto 2.0 : 1 : 3 2.0 & above : 1 : 2	5	
3.	9.5 QUICK RATIO <u>CA - INVENTORIES {9.5(1)-9.5(1)c}</u> Current liability {9.5 (2)}	1:1 : 5 1:1 upto 1.5 : 4 1:1.5 upto 1.75 : 3 1:1.75 upto 2.5 : 2 1:>2.5 : 0	5	
4.	9.6 Growth in Sales over previous year (%) Average of three years to be worked out	More than 35% :5 $20 - 35\%$:4 $10 - 20\%$:3 $5 - 10\%$:2 $> 0 \& < 5\%$:10 or negative:0	5	
5.	9.7 PROFIT BEFORE TAX Growth over previous year (%)	More than 20 % : 5 $10 - 20$ % : 4 $5 - 10$ % : 3 > 0 & <	5	
6.	9.8 Whether the supplier has been referred to BIFR / NCLT/ any other similar Govt agency	Yes: -5 No: 0	0	
7.	9.9 Whether the supplier is a potentially sick company TOTAL	Yes: -3 No: 0	0 25	

Note: If the supplier is new in business and does not have past data, then the evaluation will be done on the basis of information provided by him and will be decided by MISCC.

2. FINANCIAL INFORMATION (for Indian Stockist/ Trader/ Distributor/ Dealer/ Authorised Agent/ Channel partner/ Indian Sales office or Subsidiary of registered foreign principal):

S.N.	PARAMETER	CRITERIA	Maximum Marks	Marks Awarded
1.	9.6 Growth in Sales over previous year (%)	More than 35% : 5	5	
	Average of three years to be worked out	20 - 35 % : 4		
		5 - 20 % : 3		
		>0 - 5 % : 2		
		0 or negative : 0		
2.	9.7 PROFIT BEFORE TAX	More than 20 % : 5	5	
		5 - 20% : 4		
	Growth over previous year (%)	>0-5% : 3		
		0 or below : 0		

FORM NO. SRF(I) 01 (INDIAN SUPPLIER)

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Part D : SCORE SHEET 3. QUALITY SYSTEM :

S.N.	PARAMETER	CRITERIA	Maxm. Marks	Marks Awarded
1.	Incoming Material control System	System availability : Yes: 1 No : 0	1	
		Availability of Organisation chart Yes: 1	1	
2.	Process control	No : 0Work instructionavailable:Yes: 1No : 0	1	
		Record of process Control : Available : 2 Partial record : 1 Not available: 0	2	
3.	Manufacturing / Testing Procedure Qualification	Procedure Qualification Specification : Adequate : 3 In adequate: 1 Not available : 0	3	
4.	Personnel qualification	Record of PQR: Adequate : 3 In adequate: 1 Not available : 0	3	
5.	Calibration system	Adequate : 3 In adequate: 1 Not available : 0	3	
6.	System of Identification & Traceability of materials, tools, jigs, fixtures & processed components, etc.	Procedure available : Adequate : 2 In adequate: 1 Not available : 0	2	
7.	System of Storage/ preservation/ painting & packing	Procedure available : Adequate : 2 In adequate: 1 Not available : 0	2	
8.	System of NCR disposition & corrective preventive action	Two copies of NCR & CAPA Available :2 Not available : 0	2	
9.	Customer complaints handling system	System available : Yes: 1 No : 0	1	
		Complaints registered & resolved: 2Complaints registered & partiallyresolved: 1Complaints not registeredor not resolved: 0	2	
10.	Safety measures	System available : Yes: 1 No : 0	1	
		Record available : Yes: 1 No : 0	1	
	TOTAL		25	

FORM NO. SRF(I) 01 (INDIAN SUPPLIER)

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<u>Part D</u> : SCORE SHEET 4. <u>TECHNICAL COMPETENCE</u>

Column no. 1 to 4 to be filled by MISCC before sending to supplier. Column no. 5 to be filled by BHEL certified Assessor after evaluation of supplier response.

Sl. No (1)	Parameter (2)	Scoring criteria (3)	Maximum Marks (4)	Marks obtained (5)
	TOTAL		25	

SUMMARY:

Sl. No	Criteria	Maxm Marks	Qualifying marks *	Marks obtained	Recommendation for registration
1.	Organisational Soundness	50	30		Recommended :
	Financial Information				
2.	Quality System	25	15		Permanent code
3.	Technical Competence	25	15		/Development code/ Trial code
	TOTAL	100	60		That code
					Not recommended

*<u>Minimum Qualifying Score in Each category shall be 60%.</u>

REGISTRATION CRITERIA:

Sl. No	Score	Recommendation	
1.	More than 90	Supplier is to be registered and given Permanent code,	
		Normally no visit is called for.	
2.	>75	Supplier may be visited if recommended by MISCC or to	
	<=90	be registered and given permanent code.	
3.	>=60	Supplier may carry out suggested improvements if	
	<=75	advised by MISCC Supplier's visit is mandatory. Trial/	
		Development code may be given.	
4.	Less than 60	Not to be registered	

<u>Note:</u> Indian Stockist/ Trader/ Distributor/ Dealer/ Authorised Agent/ Channel partner/ Indian Sales office or Subsidiary of registered foreign principal are to be awarded marks on pro-rata basis and registered accordingly.

Signatures: MISCC and Suppler Evaluation Team (in case of visit)

1)	2)	3)
4)	5)	6)



- 1. Prospective Suppliers may also visit our web site www.bhel.com (link Supplier Registration -> New Supplier Required) to know more about the requirement of new suppliers for various items in our units.
- 2. Registration Form no. SRF(F)01 may be obtained from BHEL website www.bhel.com.
- 3. Application for registration, with a covering letter detailing where your products can find application (if possible) in BHEL unit(s), should be sent to:

Supplier Development Cell Unit Name: Bharat Heavy Electricals Ltd. City: India

- 4. In case registration is being sought in multiple units of BHEL, please send the separate application to each unit.
- 5. Any clarification with respect to procedure for registration may be obtained from the Supplier Development Cell of respective BHEL unit.
- 6. All columns are to be filled up properly in the space provided for. Wherever it is not applicable, mention it as "Not Applicable". The form is to be signed by the authorised signatory and submitted in original.
- 7. Please attach separate sheet if the space provided is insufficient. For any other information also, separate sheet may be attached.
- 8. Any information / clarification required by BHEL during processing of registration must be given expeditiously.
- 9. Please ensure that all required enclosures are attached with the filled up Supplier Registration Form and all enclosures are numbered & list of enclosures is given as required.
- 10. As multiple copies of the application forms are required for processing at our end, please do not spiral bound the application forms or its enclosures and instead send them in two hole clip flat file.
- 11. Please fill up the check- list given on next page and send along with the Supplier Registration Forms to BHEL.
- 12. Please note that if you are registered and participate in Tender process and qualify to get order from BHEL, your performance based on Quality of your product, delivery performance and service rendered will be evaluated inline with Chapter VI.
- 13. If you are attaching a document in a language other than English, a self attested English translated document may please be also attached.



Annexure-III CHECK-LIST FOR FOREIGN SUPPLIERS REGISTRATION FORM

S.N.	Check-Point	Yes/No
1.0	Information against all points in the Supplier Registration Form has been given.	
2.0	Authoristion letter has been enclosed (in case of Indian representative)	
3.0	Banker's certificate has been enclosed	
4.0	Are you an ISO: 9001 accredited supplier?	
4.1	If yes, have you enclosed copy of ISO 9001 accreditation certificate & "Table of Contents" of your Quality Manual?	
4.2	If no, have you enclosed written down procedure / manual of Quality Management System?	
5.0	Have you enclosed experience list/ performance certificate (as per sl. 3.0 of the form SRF(F) 01)	
6.0	List of enclosures has been furnished (as per S1 5.0 of the form SRF(F) 01)	
7.0	All the parts of the form & enclosures have been signed by Authorised Signatory.	
8.0	D&B Report/ Creditreform report etc. has been attached.	

Signature & seal

Date :

(Authorised Signatory)

Note : This check list is to be attached with the filled up Supplier Registration Form.

BHARAT HEAVY ELECTRICALS LIMITED, INDIA

ANNEXURE- III

FORM NO. SRF(F)01 : (FOREIGN SUPPLIER)

Page 1 of 2

ALL THE PAGES OF THE FORM ARE TO BE SIGNED ALONGWITH SEAL BY THE AUTHORISED SIGNATORY

SUPPLIER REGISTRATION FORM				
1.0 GENERAL INFORMATION :				
1.1 NAME OF SUPPLIER : (TO BE REGISTERED)				
1.2 SUPPLIER ADDRESS : (TO BE REGISTERED)				
E - Mail :				
TELEPHONE : (Landline)-	Mobile			
WEB SITE :				
1.3 DETAILS OF FACTORY / WORKS :				
ADDRESS :				
E - Mail :				
TELEPHONE : (Landline)-	Mobile			
1.4 DETAILS OF MARKETING REPRESENTATIVE	E (OUTSIDE INDIA, IF ANY)			
ADDRESS :				
E - Mail :				
TELEPHONE : (Landline)-	Mobile			
1.5 DETAILS OF INDIAN REPRESENTATIVE, IF A	NY : (Attach authorisation letter)			
NAME :				
ADDRESS :				
E - Mail :				
TELEPHONE : (Landline)-	Mobile			
1.6 CHIEF EXECUTIVE :				
1.7 YEAR OF ESTABLISHMENT :				
L				

SUPPLIER'S AUTHORIZED SIGNATORY

BHARAT HEAVY ELECTRICALS LIMITED, INDIA

FORM NO. SRF(F)01 : (FOREIGN SUPPLIER)

ANNEXURE-III

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1.8 YEAR OF COMMENCEMENT OF BUSINESS :

- 1.9 PRODUCTION CAPACITY PER ANNUM (details of major manufacturing/ testing facilities to be given) :
- 1.10 PARTICULARS OF PRODUCTS INCLUDING SPECIFICATION AND RANGE OFFERED FOR REGISTRATION : (ATTACH BROCHURES AND CATALOGUES)
- 1.11 NAME (S) OF BANKERS :
- 1.12 BANKER'S CERTIFICATE AS TO CREDITWORTHINESS OF THE CLIENT (Enclose Certificate) :
- 1.13 PORT OF LOADING :
- 1.14 NEAREST AIRPORT

1.15 Report from D&B/ Creditreform etc. (As per Cl. 7.1 of Chapter V) (MANDATORY):

2.0 FINANCIAL INFORMATION : (FOR LAST 3 YEARS)

•

PARAMETER	YEAR -1	YEAR -2	YEAR -3
ANNUAL TURN OVER			
PROFIT AFTER TAX			

(COPY OF AUDITED ANNUAL ACCOUNTS FOR LAST 3 YEARS TO BE ENCLOSED)

3.0 QUALITY MANAGEMENT SYSTEM :

- 3.1 IS THE COMPANY ISO:9001 CERTIFIED : YES / NO
- 3.1.1 IF YES, ENCLOSE COPY OF CERTIFICATE & TABLE OF CONTENTS OF QUALITY MANUAL.
- 3.1.2 IF NO, ENCLOSE QUALITY MANANGEMENT SYSTEM OR WRITTEN DOWN PROCEDURE

4.0 EXPERIENCE LIST/ PERFORMANCE CERTIFICATE FOR OFFERED / SIMILAR ITEMS : (ATTACH LIST OF PRESENT CUSTOMERS WITH NAME & ADDRESS FOR OFFERED / SIMILAR TYPE & SIZE OF ITEM / EQUIPMENT FOR WHICH REGISTRATION HAS BEEN SOUGHT AND WITH WHOM YOU HAVE CONTINUOUS BUSINESS SINCE LAST THREE YEARS)

5.0 IF REGISTERED IN ANY OTHER UNIT OF BHEL, PLEASE PROVIDE DETAILS:

6.0 ANY OTHER INFORMATION:

7.0 LIST OF ENCLOSURES :

(BROCHURES, CATALOGUES, TECHNICAL LITERATURE ETC.)

Signature & Seal

NAME

AUTHORISED SIGNATORY

:

E-Mail

TELEPHONE : (Landline): Mobile : DATE : DESIGNATION