2021

BHARAT HEAVY ELECTRICALS LIMITED SOLAR BUSINESS DIVISION, BENGALURU TENDER DOCUMENT

Name: Navit Mahajan

Designation: Dy. Manager

BHEL SBD Bangalore



TENDER DOCUMENT (PART – A) Vol. I

NOTICE INVITING TENDER

- 1. BHEL/ SBD (A Govt. of India Enterprise) invites Tender for engaging a Contractor for "Testing of SPV modules for Ammonia Test as per IEC 62716 (latest).".
- 2. Sealed Bids are invited under single stage two part bid system from the competent agencies with sound technical and financial capabilities, fulfilling the qualifying requirements stated in the tender documents.
- 3. Interested and eligible parties may study the tender documents carefully visit the works to understand the scope and nature of work, discuss and clarify doubts if any and offer their bids.
- 4. The salient features of tender documents are as follows:

 The complete Tender documents consists of the following: Tender document- Part 'A' (Consists of Volume-I, Volume-II) and Part 'B'.
- 5. The tender documents are also available in the website of BHEL <u>www.bhel.com</u>. Those who wish to download the same may do so. Corrigendum if any will be published in BHEL web site only.
- In case, tender documents are requested by post, BHEL-SBD shall not be responsible for any delay due to any reasons (including postal delay) either in receiving the agencies request or receipt of tender documents by the agency.
- 7. Reverse Auction is applicable for this work.

For all clarifications/ issues related to the tender, please contact:

(i) Commercial:

Mr. Navit Mahajan, Dy. Manager / Works Engineering Contract, BHEL-SBD,

Prof CNR Rao Circle, IISc Post, Malleswaram, Bangalore- 560 012

E-MAIL: navit@bhel.in
Ph. No. +91-080-22182216

or

Mr. BM Hiremani, AGM / WEX & Works Contract Cell, BHEL-SBD, Prof CNR Rao Circle, IISc Post, Malleswaram, Bangalore- 560 012

E-MAIL: hiremani@bhel.in
Ph. No. +91-080-22182204

(ii) Technical:

Mr. G V Raghavendra Babu, Sr.Manager / SPV Engg BHEL-SBD, Prof CNR Rao Circle, IISc Post, Malleswaram, Bangalore- 560 012 E-MAIL: raghavendrababu.gv@bhel.in Ph. No. +91-080-22182347



TENDER DOCUMENT (PART – A) Vol. I

TENDER DOCUMENT

PART – A VOLUME - I

1.	GENERAL INFORMATION
2.	SCOPE OF WORK
3.	ELIGIBILITY CRITERIA
4.	PAYMENT TERMS
5.	ANNEXURES



TENDER DOCUMENT (PART – A) Vol. I

1.	General Information					
1.1.	Tender Re	eference Number :	58263			
1.2.	Tender Na		"Testing o (latest)".	f SPV modules for Ammonia Test as per IEC 62716		
1.3.	Tender Sy	stem	Part – A: Ted Part – B: Prid			
1.4.	Tender Ty	pe	Frame Wo released in s	rk Agreement/ Service contract/ Work Orders will be taggered manner as per BHEL requirement		
1.5.	Estimated	Value of Contract	Not Applical	Not Applicable		
1.6.	Duration	of Contract	18 months			
1.7.	Qualifying	Requirement	As per NIT T	erms & Conditions		
1.8.	Earnest M Tender	loney Deposit to accompany	Not Applical	ole.		
1.9.	Security D	Peposit	Not Applical	ole.		
1.10.	Cost of Te	nder documents	NIL			
1.11.	Issue of te	ender documents	As per Enqu	iry / RFQ / Notification on www.bhel.com		
1.12.	Pre- BID N	Neeting		iry / RFQ / Notification on www.bhel.com		
1.13.	Last date	for Issue of tender ts	As per Enqu	iry / RFQ / Notification on www.bhel.com		
1.14.	Last date	for submission of tender doc	As per Enqu	iry / RFQ / Notification on www.bhel.com		
1.15.		time of opening of Tender Part-A)	As per Enquiry / RFQ / Notification on www.bhel.com			
1.16.	Tender Su	bmission Place	to put tende responsible	BHEL-SBD WEX TENDER BOX kept outside tender room(Bidder to ensure to put tender bids in specified place & box, BHEL-SBD will not be responsible if bids submitted in other than specified place and tender box		
1.17.	Tender Op	pening Place	BHEL-SBD, Tender room, opposite to IISC, Prof. CNR Rao circle, Malleswaram, Bengaluru-560012			
1.18.	Dealing O	fficer (For any Clarifications)	Navit Mahajan, Dy. Manager – Works Contract Cell Contact No.: 080-2218-2216 Email: navit@bhel.in Hiremani B.M. Addl. General Manager – Works Contract Cell Contact No.: 080-2218-2204			
2.	SCODI	E OF WORK	Email: niren	nani@bhel.in		
2.1.		s as per Annexure I				
3.		S as per Annexure i				
J.	Sl.No	Pre-Qualification requirem	ont	Description		
2.4	1.	Technical PQR as approved competent authority during	by	Testing Laboratory should have conducted and issued minimum three test reports for Ammonia corrosion test as		
3.1.		sanction (if applicable)		pera IEC 62716, within last 4 years. Laboratory shall provide signed acknowledgement letter from customers as proof for the test reports.		
3.2.		idder shall also mention the PA er allotment letter shall be sub		ued by Income Tax Department, copy of the PAN card or PAN		
3.3.	There in a co	There should be no litigation or charge under investigation / enquiry / trial against the Tenderer, or conviction in a court of law or suspension or blacklisting by any organization on any ground. During the course of work, if any such information comes to light, the contract may be terminated.				
3.4.	The opinion / decision of BHEL regarding the bid shall be final and conclusive. BHEL reserves the right to reject any or all the bids at any time without assigning any reason.					



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	In case the bidder has a relative employed in BHEL, the authority inviting tender shall be informed of this fact in
3.5.	writing at the time of submission of tender, failing which the tender may be disqualified, or if such fact comes
	to light subsequently, the contract may be terminated.
3.6.	If the bidder gives wrong information in his tender or creates conditions favorable for the acceptance of his
3.0.	tender, BHEL reserves the right to reject such tender at any stage.
	For the works which are continuous in nature, and which require regular interaction and monitoring, the bidder
3.7.	shall have an Office/Establishment in Bengaluru. Absence of such an arrangement may lead to disqualification
	of the Tenderer.
4.	PAYMENT TERMS
4.1.	Full payment will be done within 60 days of receipt of test report and invoice from the test agency.
4.2.	GST will be reimbursed to the testing laboratory after the contractor pays GST, files return and submits a proof of
4.2.	the same to BHEL.
	As this a service contract, Income tax deduction at source (TDS) at the applicable rate (prevailing rates as applicable
4.3.	at the time of clearance of bills) shall be recovered and remitted to Govt. of India. Income tax deduction certificate
4.5.	shall be issued for the amount of Income Tax deducted. Income Tax TDS as applicable and GST TDS @ 2% will be
	done.
5.	Annexures
5.1.	Detailed Scope of Work – Annexure I
5.2.	Techno-commercial Bid Application – Annexure II
5.3.	Bidder information – Annexure III
5.4.	Qualification requirement – Annexure IV
5.5.	Bidder Declaration-I– Annexure V
5.6.	Bidder Declaration-II – Annexure VI
5.7.	PPP-MII Format- Annexure VII
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5.8.	Format for Unpriced Bid– Annexure VIII
	Format for Unpriced Bid— Annexure VIII Technical deviations— Annexure IX
5.8.	



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ANNEXURE – I SCOPE OF WORK

Test are to be conducted as per IEC 62716 (latest) std. for Ammonia Test

Table-1					
IEC Standard No.	IEC Test description	Quantity			
IEC 62716 (latest)	Ammonia corrosion (NH3)	5			

Remarks:

- 1. Vendor to provide testing charges for the above test.
- 2. Lab to provide year & edition of the IEC standards mentioned for the above test, for our information.
- 3. Lab to provide total time duration for performing tests including final test reports from the date of samples received at their lab.
- 4. Lab shall provide accredited certificate issued from NABL / ILAC / IECEE / CNAS or international reputed equivalent member signatory for the above test.
- 5. The quantity of BOM and number of test individually may vary up to 30% of total contract value.
- 6. The contract will be valid for one and half year on the firm price.
- 7. PV modules for type testing will be handed over to vendor's laboratory.



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ANNEXURE – II TECHNO-COMMERCIAL BID APPLICATION

To,

Dy. Manager / WC Bharat Heavy Electricals Limited Solar Business Division, IISc Post, Malleswaram, Bengaluru – 560 012

Dear Sir,

I / We hereby offer to carry out the work "Testing of SPV modules for Ammonia Test as per IEC 62716 (latest)" at BHEL-SBD, Bangalore.

I/We have carefully perused the all the clauses mentioned in NIT and agree to abide with the same.

- 1. Notice Inviting Tender Part A Volume 1
- 2. Notice Inviting Tender Part A Volume 2
- 3. Price Bid Format Part B

I/ We further agree to execute all the works referred to in the said documents.

I declare that, there was never / is no litigation or charge under investigation / enquiry / trial against me / us, nor conviction in a court of law or suspended or blacklisted by any organization on any grounds.

Signature of Tenderer Date:



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ANNEXURE – III: BIDDER INFORMATION

S. No.	DETAILS REQUIRED	Requirement fulfilled (Yes / No / NA/ Value)
	Name of the Company	
1		
_	Name of Authorized Signatory	
2		
	Name of Contact person for this tender	
	F33333 G7 G37333 F3333 F3333 G7	
3	Email-id of contact person	
	Email to or contact person	
4	Contact number	
	Contact number	
5	Pank Assount Datails (Name of Pank Branch	
	Bank Account Details (Name of Bank, Branch and Account Number).	
	Cancelled Cheque to be enclosed	
6		
	Details of Relatives employed in BHEL, Name	
	Designation and Unit - Clause 3.5	
7		
	Relative 1	
	Nelative I	
	Relative 2	
	Relative 3	



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ANNEXURE - IV: QUALIFICATION REQUIREMENTS

S. No.	DETAILS REQUIRED	Requirement fulfilled (Yes / No / NA/ Value)	Whether proof / document enclosed (YES / NO)
1	Bidder's firm should be registered and should have at least three years' existence in business consecutively for the past three financial years.	NA	NA
3	PF Registration No.	NA	NA
5	Average turnover of last 3 years -	NA	ВА
6	Relevant Work Experience as per Clause 3.1–1		
	Relevant Work Experience – 2		
	Relevant Work Experience – 3		
7	PAN No Clause 3.2		
8	GST Registration Number		
9	MSME / NSIC Certificate to be enclosed (if applicable)		
9	EMD Details (DD No., Amount, Date & Bank)	NA	NA



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ANNEXURE - V: BIDDER DECLARATION - I

		Requirement fulfilled (Yes
S. No.	Parameter	/ No / NA/ Value)
1	I have carefully read the Tender Terms and Conditions and I submit my	
	agreement for the same.	
2	I have completely understood the scope of work and submit my	
	agreement to carry out the work as per mentioned in Tender document.	
3	I have quoted rates for the total scope of work mentioned in the tender document	
4	I agree to participate in the Auction as per Tender Terms and	
	Conditions	
5	I have understood and accepted the payment terms of BHEL as per Cl.4	
6	I am responsible for the safety of workmen deployed and agree to fulfil	
	the requirements as per tender terms	
7		
	my agreement for the same	
8	I agree to participate in the tender and carry out the work (if awarded)	
	ethically and submit my agreement to various requirements in this	
	contract.	
9	I have carefully read the Tender Terms and Conditions and I submit my	
	agreement for the same.	
10	Signed and submitted the technical deviations sheet	
11	Signed and submitted the non-technical deviations sheet	



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ANNEXURE - VI BIDDER DECLARATION - II

I,	, agedYrs., S/o,
Residin	g at
Hereby	declare as follows:
/i)	That my nationality is
(i) (ii)	That I am a major and eligible to enter into contract / my firm / my company is competent to enter into an
(,	agreement.
(iii)	I shall employ only such personnel who have not been found unfit for employment in Organizations such as Central / state / Public undertaking by the Police Authorities.
(iv)	I shall not employ persons against whom Criminal cases are pending or under investigation.
(v)	I shall also not employ persons found guilty of offences involving moral turpitude for executing work in BHEL contracts.
(vi)	That there are no Criminal cases/Civil/Labor pending or under investigation against me or my firm or company.
(vii)	I have not been found guilty of offences involving moral turpitude nor any of the company directors / partners of my firm have been found guilty of offences involving moral turpitude.
(viii)	Neither I nor my firm nor my company has been declared insolvent in the past.
(ix)	I have taken due care and efforts to furnish only information which are true in the tender document.
(x)	I shall employ labor who is more than 18 years of age and less than 58 years and having sound physical and mental health.
(xi)	I shall keep Photograph / identity proof / residential proof of the laborers to be employed against this tender and arrange for police verification.
(xii)	I shall employ and deploy suitable qualified personnel for supervision of the work in each shift and additionally as required for monitoring compliance to process requirements and compliance to contract terms & conditions
	[Signature with Name & seal of the Tenderer]
Date Place	: :



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ANNEXURE VII, PPP-MII Format

FORMAT FOR VERIFICATION OF LOCAL CONTENT UNDER PREFERENCE TO MAKE IN INDIA ORDER

(To be submitted with the offer)

[Applicable for procurement value from Rs. 5.00 Lac to Rs. 10.00 Crore]

Self-certification giving the percentage of local content, in line with PPP-MII order, if applicable [to be submitted on the letter head of the issuer.]

Item Name: Testing of SPV modules for Ammonia Test as per IEC 62716 (latest)

Enquiry No.: 58263

Project : Testing of SPV modules for Ammonia Test as per IEC 62716 (latest)

Applicable percentage of Local Content.....

(Bidder to indicate local content in percentage)

We have read and understood the provisions of "Public Procurement (Preference to Make in India) Order, 2017" dated 15/06/2017, its revision dated 28/05/2018 and any subsequent modifications/Amendments, if any [hereinafter, "PPP-MII Order"] issued by Department of Industrial Policy and Promotion (DIPP), Ministry of Commerce and Industry, Government of India.

We also understand, false declarations will be in breach of the Code of Integrity under Rule 175(1)(i)(h) of the General Financial Rules for which a bidder or its successors can be debarred for up to two years as per Rule 151 (iii) of the General Financial Rules along with such other actions as may be permissible under law.

For and on behalf of, Date:

Authorized Signatory

(With Company Seal & Signature)

Note: This is a guiding format. In case the bidder submits the certificate in a format different from the above, the same may be considered provided it meets the intent and purpose, as may be ascertained by BHEL.



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Annexure VIII - Unpriced Bid, SAC / HSN Codes

		Price Bid				
SI. No.	IEC Std. no.	IEC Test Description	SAC/HSN Code	Quantity	Unit Cost (Rs.)	Total cost(Rs.)
1.00	IEC 62716 latest	Testing of SPV modules for Ammonia corrosion Test as per IEC 62716		5.00		
GST Percentage						
	GST Value					
			Total p	rice includi	ng GST	

Remarks:

- 1. Vendor to provide testing charges for the above test.
- 2. Lab to provide year & edition of the IEC standard mentioned for the above test, for our information.
- Lab to provide total time duration for performing tests including final test reports from the date of samples rece
- 4. Lab shall provide accredited certificate issued from NABL / ILAC / IECEE / CNAS or international reputed equivale member signatory for all the above tests.

Note:

Bidder to indicate SAC / HSN Code

at their lab.

Sign and seal of Bidder



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ANNEXURE IX, NON-TECHNICAL DEVIATION

SI No.	Volume	Part/Clause SI no.	NIT requirement	Bidder's Deviation

Total No. of deviations	pro	posed by	the Bidder	-	nos.

BIDDER'S SIGN & SEAL:

Note: The Offers should be in full conformity with the terms and conditions of this tender. Incorrect and incomplete tenders are liable to be rejected. Deviations, if any, should only be mentioned as per formats for Non-Technical Deviations (i.e. General Terms & Conditions, Commercial Terms etc.) & Technical Deviations (i.e. Scope of Work, Modalities of Contract etc.). BHEL at its discretion whether to give any further chance to a bidder in case of any deviation or reject the same offer.



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ANNEXURE X, TECHNICAL DEVIATION

SI No.	Volume	CLAUSE NO.	NIT requirement	Bidder's Deviation
	Total No. o	of deviations _I	proposed by the Bidder	NOS.
	Place:		Date:	
				Signature & Seal of the bidder:

Note: The Offers should be in full conformity with the terms and conditions of this tender. Incorrect and incomplete tenders are liable to be rejected. Deviations, if any, should only be mentioned as per formats for Non-Technical Deviations (i.e. General Terms & Conditions, Commercial Terms etc.) & Technical Deviations (i.e. Scope of Work, Modalities of Contract etc.). BHEL at its discretion whether to give any further chance to a bidder in case of any deviation or reject the same offer.

(Compliance to be submitted in the bidder's letter head) (as applicable)

Sub: Compliance to Government of India order OM No.6/18/2019-PPD dated 23.07.2020 & 24.7.2020 regarding restrictions under Rule 144 (XI) of the General Financial Rules (GFRs), 2017

Enquiry No.:	
Project :	
	(name of the bidder company) have read the clauses pertaining to Department of Public Procurement Division Order (Public procurement no 1,2 & 3 vide ref. F.No.6/18/2019-PPD dated 020) regarding restrictions on procurement from a bidder of a country which shares a land border with India.
We hereby certify th	at we are not from such a country and eligible to be considered for this tender.
(Note: Non-compliar rejection of their bids	ace of above said Gol Order and its subsequent amendment, (if any), by any bidder(s) shall lead for commercial by BHEL)
For and behalf of	(Name of the bidder)
(Signature, date & s	eal of authorized representative of the bidder)
	Annexure-D (ii) (Compliance to be submitted in the bidder's letter head) (as applicable)
under Rule 144 (XI)	o Government of India order OM No.6/18/2019-PPD dated 23.07.2020 & 24.7.2020 regarding restrictions of the General Financial Rules (GFRs), 2017
Item Name :	
Item Name : Enquiry No. : Project : We M/s. Expenditure's (DoE	of the General Financial Rules (GFRs), 2017 (name of the bidder company) have read the clauses pertaining to Department of
Item Name : Enquiry No. : Project : We M/s. Expenditure's (DoE 23.07.2020 & 24.7.2 We are from such a in above said order.	(name of the bidder company) have read the clauses pertaining to Department of Public Procurement Division Order (Public procurement no 1,2 & 3 vide ref. F.No.6/18/2019-PPD dated 020) regarding restrictions on procurement from a bidder of a country which shares a land border with India.
Item Name : Enquiry No. : Project : We M/s Expenditure's (DoE 23.07.2020 & 24.7.2 We are from such a in above said order. Evidence of valid results in the same statement of the same statemen	(name of the bidder company) have read the clauses pertaining to Department of Public Procurement Division Order (Public procurement no 1,2 & 3 vide ref. F.No.6/18/2019-PPD dated 020) regarding restrictions on procurement from a bidder of a country which shares a land border with India. country which shares a land border with India & have been registered with the Competent Authority as specified We hereby certify that we fulfil all requirements in this regard and are eligible to be considered. egistration by the Competent Authority is attached.
Item Name : Enquiry No. : Project : We M/s. Expenditure's (DoE 23.07.2020 & 24.7.2 We are from such a in above said order. Evidence of valid rejection of their bids	(name of the bidder company) have read the clauses pertaining to Department of Public Procurement Division Order (Public procurement no 1,2 & 3 vide ref. F.No.6/18/2019-PPD dated 020) regarding restrictions on procurement from a bidder of a country which shares a land border with India. country which shares a land border with India & have been registered with the Competent Authority as specified We hereby certify that we fulfil all requirements in this regard and are eligible to be considered. egistration by the Competent Authority is attached.