



BHARAT HEAVY ELECTRICALS LIMITED
Solar Business Division, Malleswaram,
Bengaluru - 560 012

TENDER
DOCUMENT
(PART – A)

NOTICE INVITING TENDER

1. BHEL/ SBD (A Govt. of India Enterprise) invites Tender for engaging a Contractor for **“Carrying out Fabrication and Erection of DC & HT Cable Support Structure & DC Cable Bridge and other associated works at site of FSPV 100 MW NTPC Ramagundam”**.
2. The Enquiry/Tender has been floated through e-procurement and offers shall be accepted through e-procurement only. BHEL shall neither entertain offers through hard copy nor provide any due date extension on account of the same. Interested bidders who do not have login ID and password are requested to register themselves on <https://eprocarebhel.co.in> through “Online Bidder Enrolment” link available on the portal.
3. Class-III, SHA2 2048 BIT – Signing & Encryption, Digital Signature Certificate (DSC) is required for bidders for authentication purpose (log in and bid submission). Vendors, who do not possess the DSC, are requested to obtain the same. The procedure for obtaining DSCs is detailed in the “Seller Manual” available on the above mentioned website.

Tender Ref. File No: 166072

Date: 25.11.2021

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

(i) Commercial:

Mr. Premnaraian Srivas Engineer /Works Contracts cell, BHEL-SBD,
Prof CNR Rao Circle, IISc Post, Malleswaram, Bangalore- 560 012

E-MAIL: pnsrivas@bhel.in

Ph. No. +91-080-22182216 Or

Mr. Pradipchandra Baro SDGM / Works Contract Cell, BHEL-SBD,
Prof CNR Rao Circle, IISc Post, Malleswaram, Bangalore- 560 012

E-MAIL: pradipcbaro@bhel.in

Ph. No. +91-080-22182142

(ii) Technical:

Mr. **Vijay Kumar Choudhary**, Manager / SPV Engg BHEL-SBD

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

E-MAIL: vijayk.choudhary@bhel.in

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VOLUME - I

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



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1.	General Information	
1.1.	Tender Reference Number :	File No: 166072 Date: 25.11.2021
1.2.	Tender Name:	Carrying out Fabrication and Erection of DC & HT Cable Support Structure & DC Cable Bridge and other associated works at site of FSPV 100 MW NTPC Ramagundam.
1.3.	Tender System	Two Part Bid Part – A: Techno-Commercial & PQR Part – B: Price Bid
1.4.	Tender Type	Open Tender- Works contract
1.5.	Estimated Value of Contract	Rs.82,52,880.00
1.6.	Duration of Contract	As per NIT (DELIVERY TERMS)
1.7.	Qualifying Requirement	As per NIT Terms & Conditions.
1.8.	Earnest Money Deposit to accompany Tender	Rs.1,65,000.00
1.9.	Security Deposit	5% of the Work Order Value
1.10.	Cost of Tender documents	NIL
1.11.	Issue of tender documents	As per Enquiry / RFQ / Notification on www.bhel.com & https://eprocurebhel.co.in
1.12.	Pre- BID Meeting	As per Enquiry / RFQ / Notification on www.bhel.com & https://eprocurebhel.co.in
1.13.	Last date for Issue of tender documents	As per Enquiry / RFQ / Notification on www.bhel.com & https://eprocurebhel.co.in
1.14.	Last date for submission of tender doc	As per Enquiry / RFQ / Notification on www.bhel.com & https://eprocurebhel.co.in
1.15.	Date and time of opening of Tender (Part-A)	As per Enquiry / RFQ / Notification on www.bhel.com & https://eprocurebhel.co.in
1.16.	Tender Submission Place	Online at https://eprocurebhel.co.in
1.17.	Tender Opening Place	Online at https://eprocurebhel.co.in
1.18.	Dealing Officer (For any Clarifications)	Mr. Premnaraian Srivas Engineer /Works Contracts cell, BHEL-SBD, Prof CNR Rao Circle, IISc Post, Malleswaram, Bangalore- 560 012 E-MAIL: pnsvivas@bhel.in Ph. No. +91-080-22182216 Or Mr. Pradipchandra Baro SDGM / WEX & Works Contract Cell, BHEL-SBD, Prof CNR Rao Circle, IISc Post, Malleswaram, Bangalore- 560 012 E-MAIL: pradipbaro@bhel.in Ph. No. +91-080-22182142
1.19.	Revers Auction	"BHEL shall be resorting to Reverse Auction (RA) (Guidelines as available on www.bhel.com) for this tender. RA shall be conducted among the techno commercially qualified bidders. Price bids of all techno-commercially qualified bidders shall be opened and same shall be considered for RA. In case any bidder(s) do(es) not participate in online Reverse Auction, their sealed envelope price bid along with applicable loading, if any, shall be considered for ranking."
2.	SCOPE OF WORK	
2.1.	Details as per Annexure- I.	
3.	ELIGIBILITY CRITERIA	



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3.1.	-
3.2.	Average Annual Financial turnover during the last 3 years ending 31st March of the previous financial year, should be at least Rs.82,52,880/- incl. of GST Audited Balance sheet and profit& Loss account OR Turn over Certificate from Chartered Accountant to be enclosed. Note: If Audited Balance sheet and profit& Loss account OR Turn over Certificate from Chartered Accountant available, same to be submitted, accordingly TO calculated for last 3 years.)
3.3.	Bidders who wish to participate should have executed works of similar nature during last seven years as per Given below, as on the date of opening of Technical Bid. i. One similar work of value not less than 80% of estimated value (excluding all taxes). (OR) ii Two similar works of value each not less than 50% of estimated value (excluding all taxes) (OR) iii Three similar works of value each not less than 40% of estimated value (excluding all taxes) Note: List of similar works shall be as follows: (i) Bidder should have successfully executed work order for execution of Land mounted or Roof top Solar plants for 5 MW or above. Or ii Bidder should have successfully executed work order for execution of Floating Solar plants for 100kw or above. Or iii Bidder should have work experience in field of reservoir/lake/river water activity or any water works such as dredging /silt removal/construction /cable or pipe laying on water or Any type of fabrication & Erection works/BOS works/Solar Power plant I & C works. Bidder should not have been banned by "any BHEL unit" or "Government of India" or "Government of Karnataka" or Government of other states in India. BHEL reserves the right for independent verification of Documents.
3.4.	The bidder shall also mention the PAN Number issued by Income Tax Department, copy of the PAN card or PAN number allotment letter shall be submitted along with the tender documents.
3.5.	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.
3.6.	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.
3.7.	In case the bidder has a relative employed in BHEL, the authority inviting tender shall be informed of this fact in 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.
3.8.	If the bidder gives wrong information in his tender or creates conditions favorable for the acceptance of his tender, BHEL reserves the right to reject such tender at any stage.
3.9.	BHEL reserves the right to cancel the contract at the initial stage or during the contract period without assigning any reason to the tenderer.
4.	<u>PAYMENT TERMS</u>
4.1.	No Advance payment shall be done. Price variation clause not applicable. Standard payment terms of BHEL i.e. 45 days credit will be applicable. Details as per GCC of NIT
4.2.	GST will be reimbursed to the contractor after the contractor pays GST, files return and submits a proof of the same to BHEL.



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4.3.	As this a works contract, Income tax deduction at source (TDS) at the applicable rate (prevailing rates as applicable at the time of clearance of bills) shall be recovered and remitted to Govt. of India. Income tax deduction certificate 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	Declaration by Bidder-I – Annexure V
5.6	Declaration by Bidder-II – Annexure VI
5.7	Deviations Sheet- Annexure VII
5.8	Unpriced BID and HSN / SAC Codes - Annexure -VIII
5.9	PPP-MII Format- Annexure- IX
5.10	Border Sharing



5.1 ANNEXURE – I SCOPE OF WORK

1.0 INTRODUCTION:

OVERALL PROJECT OUTLINE OF 100 MW FLOATING SOLAR PHOTOVOLTAIC POWER PLANT:

Bharat Heavy Electricals Limited (BHEL), Solar Business Division, Bangalore is setting up a 100MW (AC) Floating solar photovoltaic (SPV) power plant for NTPC at Ramagundam (Telangana).

The 100MW FSPV Project is divided into 40 discrete Array Blocks of 2.5MW-AC each. These 40 Arrays are spread on approx. 650 acres of the raw water reservoir area of the thermal plant. Each 2.5MW-AC Array has approx. 11200 PV Modules. Of the 40 blocks, 32 Array Blocks are made of M/s Prabh Dayal make of HDPE Floats and balance 8 Array blocks are made of M/s Adtech make. The shape of Array blocks of both makes are different and details of these Blocks are attached as Annexures. Each 2.5MW Floating Array has a corresponding floating equipment platform placed at an approx. distance of 10mts from the Array.

PCU's, HT panels, and Transformers are the major equipment's which was are placed on floating platforms. There are two types of floating platforms for Electrical Equipments in the project as given in overall layout. One is called Inverter Floater Platform (IFP) and other is local pooling switchgear Floater Platform (LPSFP). LPSFP having two parts- LPSFP-IFP and LPSFP. The equipment layout of both types of floating platforms are attached. The quantities are as follows:

Sr. No.	Description of Floatation Platforms	No. of Platforms
1	Inverter floater Platform (IFP)	36
2	Local pooling switchgear Floater Platform (LPSFP)	04

The floating platform is made of Ferrocement. Ferrocement is a form of reinforced concrete using closely spaced multiple layers of mesh and /small diameter of rods completely infiltrated with, or encapsulated in mortar. The most common type of reinforcement is steel mesh. The platform is constructed with 10 separate compartments having manhole for maintenance purpose.

2.0 LOCATION/ ADDRESS OF POWER PLANT:

District Peddapalli, Telangana
Nearest Highway NH-63 (10KM)
Nearest Railway Station Ramagundam (05 Km)
Nearest Commercial Airport Hyderabad (260 Km)



3.0 SCOPE OF WORK:

3.1. The scope of work includes Trial, supply, fabrication, assembly and erection of DC & HT cable support structure & cable bridge and other associated works at site of 100 mw (AC) floating solar photovoltaic grid-connected power plant at NTPC RAMAGUNDAM (TELANGANA), made of hot dip galvanized steel confirming IS 2062 and IS 4759:1996 with 90-micron galvanization.

3.2. The scope of Fabrication and erection of DC & HT cable support structure & cable bridge includes:

- I. Trial of all three type of assembly (DC Cable Support Structure, HT Cable Support Structure, Cable Bridge) at site in line with general arrangement drawing and site specific condition. The general arrangement for IFP is attached with specification. Similar arrangement shall be done for LPSFP also.
- II. Submission of final BOM for each type of Structure for approval of BHEL. Supply shall be made as per approved BOM. The measurement of supply portion shall be as per theoretical weight only as indicated in BOM.
- III. Fabrication, galvanization & supply of all three types of structure as per approved BOM.
- IV. Required Fabrication, assembly and Erection of DC & HT cable support structure & cable bridge at site. Cutting, Welding and any other adjustment in dimensions of the structure during erection shall be done at site specific to site conditions.
- V. The DC cable and HT cable shall be erected at IFP and LPSFP. One IFP has one DC Cable support structure and one HT cable support structure. Similarly, one LPSFP has one DC cable and 11 HT Cable Structures. Wherever DC and HT cable crosses each other in array, provision of bridge shall be required.
- VI. Any other associated work like handling of DC and HT cables safely for erection of Structures.
- VII. The erection of the structures to be done in water at designated location and land as per site requirement. The tools and tackles like welding machine, drilling machine, DG sets etc. should be of portable type for working in water. The availability of boat and barges shall also be ensured for erection works in water. The details of work on land and water shall be as follows:

	DC Support Structure		HT Support Structure		DC Cable Bridge	
	Erection at location in water	Erection at Shore at Land	Erection at location in water	Erection at Shore at Land	Erection at location in water	* The qty. may change at the time of execution.
IFP*	24	12	24	12	22	
LPSFP*	2	2	22	22		



VIII. During erection of structures existing cables shall be kept safety as per Instruction of BHEL and with close co-ordination with BOS contractor of BHEL. Any damage happened to cable due to improper handling shall be recovered from Contractor's bill.

- 3.3. All materials for the subject job, tools and tackles, labour and supervision will be in the scope of the contractor. All other required materials, tools & tackles shall have to be arranged by the contractor.
- 3.4. Water and power shall be arranged by Contractor. BHEL will not provide any T & P for the job.
- 3.5. Contractor must deploy manpower as per site requirement. In case of failure to deploy required manpower suitable action shall be taken and suitable deduction also will be made from bills.
- 3.6. Contractor shall start the work within 7 days from date of intimation given by BHEL.
- 3.7. Contractor shall be responsible for loss of tools, instruments & as deemed fit recovery for loss/damage shall be made from contractor's bill.
- 3.8. The work shall be measured in terms of unit given in BOQ duly cleared by BHEL- site/Customer.

4.0 Site Visit:

Contractor has to necessarily visit the site before quoting to know the work content and scope. Contractor to give request to BHEL for arranging Site Visit by send an E-mail to vijayk.choudhary@bhel.in by specifying the tender reference. Contractor shall submit a site inspection certificate along with their technical bid after completing Site Visit. No claim regarding ignorance of site conditions or scope of work shall be entertained later during execution of work.

5.0 Technical Specification:

5.1 Material:

The structural material of items shall be conforming to mild steel of IS2062 Grade E250. The Raw material test certificate shall be submitted along with supply and at the time of Pre-Shipment Inspection(s). Fasteners used shall be of grade SS 304 only.

5.2 Fabrication:

- I. Fabrication of items shall be done as per site trial done by contractor. For understanding purpose, a tentative general arrangement is being attached with specification.
- II. Minimum weld size shall be 6 mm for fillet weld.
- III. Electrodes for Mild Steel shall confirm to IS 814 (Latest Revision).
- IV. Post galvanisation, no welding is allowed. However, during erection minor welding is permitted. Post welding, the welded area shall be finished and painted with zinc spray.

5.3 Galvanization:

All angles, channel and other structural members of watch tower shall be hot dip galvanized with coating thickness of 120 microns for protection against corrosion. Pipes shall be standard GI type. Galvanization shall conform to IS-2629, 4759 & 4736 as applicable. Galvanization shall be measured with elcometer and Vendor shall submit the report, from NABL accredited laboratory, Test to determine corrosion performance of Structures as per the applicable IS/ASTM, as and when required.

6.0 DELIVERY TERMS:

Supply:

- I. Timely delivery is the essence of this contract. Contractor is required to complete the trial within 7 days of award of work.
- II. Contractor to deliver the material in lots as below:
- III. DC Cable Bridge –
First 5 Nos within 15 days of trial completion.
Balance 17 Nos within 30 days of trial completion.



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DC Support Structures:

First 26 nos within 21 days of trial completion.

Balance 14 nos. Within 45 days of trial completion

HT Support Structure:

First 46 nos within 21 days of trial completion.

Balance 34 nos. Within 45 days of trial completion

Erection:

- IV. Erection of structures shall be done as per site requirement. However, All the erection work shall be completed within 2 months from the date of site handover. Presently for 20 nos. IFP and 2 nos. LPSFP, site is ready for erection.
- V. BHEL will try to maintain the work flow on regular basis. However, BHEL is not bound to provide work regularly.

7.0 SAFETY AT WORK PLACE

- I. Safety at work place is complete responsibility of the contractor. Contractor to depute one safety supervisor exclusively (Other than working supervisor) to take care of safety of their workmen and BHEL resources. A monthly report on safety in appropriate format shall be submitted to BHEL.
- II. Personnel Protective Equipment's (PPE's), as applicable are to be arranged by the Contractor for their all workmen, as applicable.
- III. All Contractor's workmen shall abide by the rules & regulations of BHEL with respect to Safety, Health and Environment while working at BHEL site.

Enclosures:

1. Tentative General arrangement drawing of DC and HT Cable support structures at IFP.
2. Indicative BOM of all three type of Structure
3. Tentative general arrangement of DC Cable Bridge
4. Site Inspection certificate.



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5.2 ANNEXURE – II TECHNO-COMMERCIAL BID APPLICATION

To,

Engineer / 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 **“Carrying out Fabrication and Erection of DC & HT Cable Support Structure & DC Cable Bridge and other associated works at site of FSPV 100 MW NTPC Ramagundam.**

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
2. 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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5.3 ANNEXURE – III: BIDDER INFORMATION

Sl. No.	DETAILS REQUIRED	Requirement fulfilled (Yes / No / NA/ Value)
1	Name of the Company	
2	Constitution of Firm	: Individual / Sole Proprietorship Concern / Partnership Firm / Public Ltd. Company/ Private Ltd. Company.
3	Name of Authorized Signatory	
4	Name of Contact person for this tender	
5	Email-id of contact person	
6	Contact number	
7	Bank Account Details (Name of Bank, Branch and Account Number). Cancelled Cheque to be enclosed	
8	Details of Relatives employed in BHEL, Name Designation and Unit - Clause 3.7	
	Relative 1	
	Relative 2	
	Relative 3	



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5.4 ANNEXURE – IV: QUALIFICATION REQUIREMENTS

S. No.	DETAILS REQUIRED	Requirement fulfilled (Yes / No / NA/ Value)	Whether proof / document enclosed (YES / NO)
1	Compliance to Clause 3.1		
2	Average turnover of last 3 years - Clause 3.2		
3	Relevant Work Experience as per Clause 3.3 –1		
	Relevant Work Experience – 2		
	Relevant Work Experience – 3		
4	PAN No. - Clause 3.2 (copy to submitted)		
5	GST Registration Number (copy to submit)		
6	ESI Registration Number (copy to submit)		
7	PF Registration Number (copy to submit)		
8	MSEs / NSIC-UDYAM Certificate to be enclosed (if applicable)		
9	Start-Ups Certificate to be enclosed (if applicable)		
10	The bidder should encourage to use local labor that has the necessary skills as per the Requirement of work.		



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5.5 ANNEXURE – V: BIDDER DECLARATION - I

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

Signature with Name & seal of the Tenderer]



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5.6 ANNEXURE – VI, BIDDER DECLARATION - II

I, -----, aged-----Yrs., S/o -----,

Residing at -----

Hereby declare as follows:

- (i) That my nationality is _____.
- (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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5.7 ANNEXURE VII: DEVIATION SHEET

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

Total No. of deviations proposed by the Bidder- _____ nos/Nil.

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 in DEVIATION SHEET only 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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5.8 Annexure-VIII- Unpriced Bid, SAC / HSN Codes

NUMBER #		TEXT #		NUMBER #		TEXT #	
Sl. No.	Item Description	Quantity	Units	Estimated Rate in Rs. P	TOTAL AMOUNT Without Taxes in Rs. P	TOTAL AMOUNT In Words	
1	2	4	5	6	53	55	
1	BOQ for DC & HT Cable Support Structure						
1.01	Supply of DC and HT Cable Support Structure for Inverter Floating Platform (IFP)- One IFP have 1 DC Cable and 1 HT Cable support structure	12960.000	kg	138.000	1788480.000	INR Seventeen Lakh Eighty Eight Thousand Four Hundred & Eighty Only	
1.02	Supply of DC and HT Cable Support Structure for Local Pooling Switchgear Floating Platform (LPSFP)-One LPSFP has 1 DC Cable and 11 HT cable support Structure	9320.000	kg	135.000	1258200.000	INR Twelve Lakh Fifty Eight Thousand Two Hundred Only	
1.03	Supply of HT Cable Cross Over DC Cable bridge Structure	2508.000	kg	150.000	376200.000	INR Three Lakh Seventy Six Thousand Two Hundred Only	
1.04	Installation of DC and HT Cable Support Structure for Inverter Floating Platform (IFP)	36.000	AU	67100.000	2415600.000	INR Twenty Four Lakh Fifteen Thousand Six Hundred Only	
1.05	Installation of DC and HT Cable Support Structure for Local Pooling Switchgear Floating Platform (IFP)	4.000	AU	345100.000	1380400.000	INR Thirteen Lakh Eighty Thousand Four Hundred Only	
1.06	Installation of HT Cable Cross Over DC Cable bridge Structure	22.000	AU	47000.000	1034000.000	INR Ten Lakh Thirty Four Thousand Only	
Total in Figures					8252880.000	INR Eighty Two Lakh Fifty Two Thousand Eight Hundred & Eighty Only	
Quoted Rate in Figures					0.000	INR Zero Only	
Quoted Rate in Words					INR Zero Only		

GST as applicable to be quoted separately here _____

Note: Bidder to quote only Unit Rate in cells for column M& Rows 14,15, applicable GST (age%) in cells of column N& Rows 14,15 and SAC / HSN Codes in cells column AY& Rows 14,15 only in the Price bid format uploaded as a PART-B through e-procurement portal.

BIDDER'S SIGN & SEAL



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5.9- ANNEXURE- IX, 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: **Carrying out Fabrication and Erection of DC & HT Cable Support Structure & DC Cable Bridge and other associated works at site of FSPV 100 MW NTPC Ramagundam.**

Enquiry No. :

Project : **Carrying out Fabrication and Erection of DC & HT Cable Support Structure & DC Cable Bridge and other associated works at site of FSPV 100 MW NTPC Ramagundam.**

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.

In line with the provisions of the PPP-MII Order, We, M/s. [Enter the name of the Bidder] [hereinafter, “Local Supplier”] submits self-certification to M/s. Bharat Heavy Electricals Limited [hereinafter, BHEL] regarding Local Content in Goods/Services/Works to be supplied by the Local Supplier **Carrying out Fabrication and Erection of DC & HT Cable Support Structure & DC Cable Bridge and other associated works at site of FSPV 100 MW NTPC Ramagundam.**

(Enter the name of the Equipment/Item for Project), wherein we have agreed to abide by the terms and conditions of the PPP-MII Order.

Details of location at which local value addition will be made is as follows:

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,
 Authorized Signatory
 (With Company Seal & Signature)
 Date:

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.

Border Sharing



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**TENDER
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(TO BE SUBMITTED IN BIDDER'S LETTER HEAD)

Undisclosed Agreement

Tender Enquiry No & Date:

Work Description:

I/We hereby declare that, I/We

Will not enter into any illegal or undisclosed agreement or understanding, whether formal or informal with other Bidder(s). This applies in particular to prices, specifications, certifications, subsidiary contracts, submission or non-submission of bids or any other actions to restrict competitiveness or to introduce cartelization in the bidding process.

In case, the Bidder is found having indulged in above activities, suitable action shall be taken by BHEL as per extant policies/ guidelines.



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Tender Enquiry No & Date:

Work Description:

SITE INSPECTION CERTIFICATE

This is to Certify that, I / We.....
..... had inspected the proposed
Construction site thoroughly and understood the scope of works to be carried out in
line with construction drawings/designs/data/Bill of quantities/schedule of items /
Specifications as brought out in the Tender as desired by BHEL.

Agreeable to all Terms & Conditions of Contract and assure to complete the work
Within the stipulation time frame.

Note: In case of bidder unable to visit the site due to any reason, bidder may kindly note that it is the responsibility of the bidder to ensure and understand the scope of work and site condition in line with NIT terms and condition.



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1. The Earnest money deposit may be furnished
 - a) Demand Draft in favour of BHEL SBD, Bangalore – 560012.
 - b) The Earnest money deposit may be furnished through online (Bank Detail NIT page-11)
 - c) Bank guarantee as per Sl. No. 4 (b), page No. 1.

Guidelines for payment of EMD Fee

Bank Detail (For EMD submission as applicable): Bharat Heavy Electricals Limited Solar Business Division Prof. CNR Rao Circle Malleswaram Bengaluru-560012		
1	Name of the Beneficiary:	Bharat Heavy Electricals Limited Ceramic Business Unit Prof. CNR Rao Circle Malleswaram Bengaluru-560012
2	Name of the Bank & Branch:	IDBI Bank Limited, Trade Finance
3	Address of the Branch:	Trade Finance IDBI House,58, 1 st Floor, Mission road, Bengaluru-560027
4	Bank Telephone No:	080-2227 9576
5	NEFT IFSC code	IBKL0000377
6	Account Type:	Current
7	Account No.	008103000003605
8	RTGS IFSC code:	IBKL0000377

QR Code BHEL-SBD





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INSTRUCTIONS TO TENDERER

2. Sealed Tender for the above noted work is hereby invited from Contractors experienced in similar civil works like RCC building works (such as Industrial, commercial and Residential).
3. Scope of work for MMS Pile foundation works, “**Carrying out Fabrication and Erection of DC & HT Cable Support Structure & DC Cable Bridge and other associated works at site of FSPV 100 MW NTPC Ramagundam**” at location as specified under Sl. No. 3 “Project scope, detail and location” as per Tender/approved construction drawing, works as per instruction of Engineer in charge, terms and condition of contract. However, depending on site conditions minor modification in works may be necessary.
4. **Tenders should be submitted on <https://eprocurebhel.co.in>. In two part bid. Part-1 “Technical cum Commercial Bid” and Part-2 Price Bid. DD for Tender document Cost (if applicable) & EMD duly submitted along with the tender documents (Original DD/BG for EMD to be sent to address of Dealing Officer, BHEL-SBD Bangalore NIT-page 1 sl. no. 14).**
5. The local address of the Contractors, the name of the person to whom all the Correspondence are to be addressed should be indicated, with telephone number (both office and residence).
6. All entries in tender documents should be in one ink (preferably blue ink). Erasing and overwriting is not permitted. All corrections should be duly signed by tenderer concerned.
7. Tenderers shall fill in all the required particular in the blank space provided for this purpose in the tender documents and also sign in each and every page of the tender document including the drawings attached there to before submitting tender.
8. Unit rate/percentage above or below estimate should be quoted in figures as well as in words in Indian Currency only i.e. Rupees and Paise with reference to each item and for the items shown in the attached schedule. These rates shall be for the finished work at site. The rate shall include all taxes and duties payable on account of Octroi, Sales Tax, tax on work contract etc., and also expenses towards PF and ESI contributions (see clauses 8, 40 and Enclosure ‘C’ excluding GST).
9. In case the rate quoted in figures differs from those quoted in words, the lower of the rates quoted will be taken as the tendered rate and shall be binding on the tenderer.



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10. The rate to be quoted by the tenderer shall be firm and shall cover and include all statutory levies such as "Octroi, sales tax, excise duty etc., arising from Act passed by Parliament or State Legislature and rules framed there under. The rates shall further be deemed to include statutory levies arising from such Acts, Central or State, which may come into force, subsequent to submission of tenders.
11. (a) The rate quoted in the tender shall remain valid for a period of 'THREE MONTHS' from the date of opening tender.
(b) Tenderer shall not increase quoted rates, once the tenderer has submitted offers/quotation/price and during execution of contract in case tender is accepted.
(c) Successful bidder should execute the work strictly in accordance with Tender schedule quoted rates as accepted by BHEL.
(d) **PRICE VARIATION clause not applicable.**
12. The rates quoted should be inclusive of all taxes arising on the transaction. If BHEL is required to discharge the liability of any taxes on the transaction like TDS(IT), TDS(WCT), TDS(GST) (as applicable) under reverse charge mechanism or any other similar taxes, which is or becomes payable by BHEL, the same shall be deducted from the bills of the contractor. **The rate/Percentage quoted by bidder shall be including all taxes but excluding GST which shall be shown separately in price bid.**
13. Quantities shown in the schedule are only approximate and are liable to variation without entitling the Contractors to any compensation.
14. Before tendering, the tenderer are advised to inspect the site of work and its environments and be well acquainted with the actual working and other prevailing conditions, position of material and labour. They should be well versed with BHEL General Conditions of Contract instruction to the tenderers, drawing and specification and all other documents which form part of the agreement



to be entered into subsequent to award of work. The tenderer should be specially note that it is tenderers responsibility to provide any items which is not specifically mentioned in the specifications and drawing, but which is necessary to complete the work.

15. Details and quantities of each item of work shown in the bill of quantities attached here to only approximate. They are given as a guide for the purpose of tendering only and are liable for variation and alteration at the discretion of the competent authority. The work under each item as executed shall be measured and price at the corresponding rates to be quoted by the Contractor in the bill of quantities attached hereto.
16. Should a tenderer find discrepancies or omission in the drawing attached to the tender documents or should be in doubt as to their meaning he should at once address to the authority inviting the tender for clarifications. Every endeavor is made to avoid any error which can materially affect the basis of the tender but successful tenderer shall take upon himself to provide for the risk of any error which may be subsequently discovered and shall make no subsequent claim on account thereof.
17. In the event of the tender being submitted by a firm the tender must be signed separately and legibly by each partner or member of the firm or in their absence, by the person holding the power of Attorney on behalf of firm concerned. In the latter case, a copy of the power of Attorney duly attested by a Gazette Officer must accompany the tender.
18. If in any case, the date of Tender Opening falls on holiday, the Tender will be opened on the next working day.
19. Every tender must be accompanied by Earnest Money Deposit. This earnest money will be refunded to the unsuccessful tenderer after finalization of the award of work. In the case of successful tenderer, the earnest money will be retained as a part of Security Deposit for satisfactory completion of the work in accordance with Clause-16 of BHEL General Conditions of the Contract. Tenders without Earnest Money Deposit receipt are liable to reject. No interest will be paid on the earnest money deposit.



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20. For reimbursement of Earnest Money Deposit, the tenderer should fill the enclosed EFT form, obtain the Banker's signature and also enclose a photocopy of cancelled cheque leaf.
21. EMD may be submitted in Bank guarantee as per Sl. No. 4 (b), page No. 1, in BHEL format in Non-judicial stamp paper amounting Rs.200 (or) applicable rate at bidder's state, whichever is higher. Bank guarantee from any Co-operative banks are not acceptable in any circumstances.
22. Unless the bidder whose tender is accepted signs contract agreement (If applicable) within fifteen days (15 days) of the date of the order directing to do so, the amount of Earnest Money already deposited by bidder will be forfeited and acceptance of the tender withdrawn as per discretion of BHEL.
23. If after opening of tenders a tenderer revokes the tender or increase of earlier quoted rates or after acceptance of his tender does not commence the work in accordance with the instruction of Engineer-in-charge, the Earnest Money Deposited by bidder will be forfeited and acceptance of bidder's tender withdrawn.
If only a part of work included in the tender had been awarded to the tenderer, the amount of Earnest Money to be retained will be based on value of the contract so awarded.
24. The BHARAT HEAVY ELECTRICALS LIMITED reserve the right to reject any or all the tenders received or accept any tender or part thereof without assigning reason thereof. In the case of acceptance of a part of tender, the time for completion may also be reduced to the extent considered necessary by the accepting authority.
25. Conditional and Unsigned tenders, tenders which are incomplete or otherwise considered defective, tenders which are not in accordance with the tender conditions laid down by the accepting officer and tenders not submitted in the prescribed forms are liable to be rejected.
26. Tenderer shall submit Solvency Certificate for the value specified from a Bank of standing regarding the tenderer's financial position (as applicable).



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27. The tenderers should enclose relevant documents regarding constitution of firm i.e. Individual / Sole Proprietorship Concern / Partnership Firm / Public Limited Company / Private Limited.
28. The tenders should be enclosed with a list of contracts already held by the tenderer at the time of submitting the tender and giving the following particulars:
 - a) Name of the work, value and address.
 - b) The balance work remaining to be done on the same.
29. The Contractors responsibility under this contract shall commence from date of receipt of the order or acceptance of tender.
30. If proprietor or partner of a firm expires after the submission of tender or after the acceptance of tender, BHEL reserves the right to cancel the contract if the character of the firm undergoes a substantial change.
31. THE BHARAT HEAVY ELECTRICALS LIMITED will not be bound by any power of Attorney granted by the tenderer or changes in the composition of firm made subsequent to signing of the contract. They may however recognize such power of Attorney and changes after obtaining proper legal advice.
32. If the tenderer deliberately gives wrong information on tender regarding past unsatisfactory performance with BHEL sister units, BHEL reserves the right to reject such tender at any stage including contract execution period.
33. Words imparting the singular number shall also be deemed to include the plural number and vice-versa where the context so require.
34. The General and Special Conditions are complementary to each other and where they are in conflict, the special condition shall prevail.
35. The expenses for completing the stamping agreement shall be paid by the contractor.
36. Unless or otherwise stated above tendered work includes men, material, machine and commissioning of equipment as agreed to in the contract.



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37. After completing of the job, the contractor has to furnish actual drawings of work done in consultation with Engineer-in-charge.
38. Any covering letter and comments of the tenderer should be submitted along with the offer.
39. Cement and steel for carrying out Civil Works will have to be procured by the Contractor. Materials shall be accompanied with Test certificates and connected dispatch documents for proof of source from approved manufacturer's works or stockyard. The Contractor shall provide all the materials needed for trial run, testing including chemicals, consumables etc. In quoting their rates, the Contractors are advised to take into account the cost of the above materials. All the construction materials should be approved by BHEL before commencement of work.
40. Contractor are required to follow Field Quality Plan (FQP) for Civil construction as approved by BHEL/customer in respect of Tests to be carried out and reports and documents to be furnished.
41. Should a tenderer or a contractor has a relative or in the case of firm or company, any of its shareholders relative is employed in Bharat Heavy Electricals Limited, the authority inviting tenders shall be informed of this fact at the time of submission of the tender, failing which tender may be disqualified or if such fact subsequently comes to light.
42. These 'INSTRUCTIONS TO TENDERER' & GENERAL CONDITIONS OF CONTRACT OF BHEL' shall be deemed to form an integral part of the Contract agreement for the work to be entered into. The Contractor has to scrutinize the same, and when submitting his tender, indicate his acceptance of both. In cases of variation between the two in any matter, the conditions in the 'THE INSTRUCTIONS TO TENDERER' shall prevail. (Extracts of important clauses of BHEL GCC are enclosed).
43. All operations to be carried out by the Contractor during the execution of the contract such as drilling, welding etc., shall be done with proper equipment to be brought by the tenderer. Contractor shall make his own power and water supply.
44. The Contractor shall comply with the provision of Employees Provident Fund's and miscellaneous Provisions Act 1952 and rules, regulations and other orders issued there under. He as an employer shall be liable to pay employer's contribution/deductions towards PF under the PF Act in respect of all labour employed by him for the execution of the contract in accordance with the provisions



- of the Employees' Provident Funds and Miscellaneous Provisions Act, 1952 as amended from time to time. For this purpose he shall indicate the code number obtained from the Regional Provident Fund Commissioner or he should obtain a code number if he has not and produce the Photostat copy of the challan receipt of monthly remittance of the contribution made by him to the Commissioner. He shall also furnish such returns such returns as are due, under the Act, to be sent to the appropriate authorities through the Principal Employer".
45. The Contractor should get himself registered with the E.S.I Authorities as an independent Employer, obtain a separate code number and remit the dues in respect of the Labour employed by him for the work and produce the challan/Receipts of remittance of the ESI contributions due under the E.S.I Act to the Company authorities. He shall also furnish such returns, as are due, under the Act, to be sent to the appropriate authorities' through the Principal Employer. The contractor can remit their ESI & PF through a sub-agent who processes the ESI & PF code and agrees to enter an MOU with the contractor.
45. If any action is brought in by P.F. Commissioner/ESI authorities on BHEL for the work done by the Contractor for his labourers regarding PF/ESI amount due, short remittances, non-remittances etc., the Contractor shall defend the case on behalf of BHEL and / or reimburse BHEL the expenses so incurred.
46. The Contractor shall apply and obtain license under Contract labour (R&A) Act 1970 and comply the relevant provisions of this Act in respect of the labour employed by him for executing this contract. The contractor shall furnish necessary returns to the authority through the Principal Employer.
47. Contractor shall insure all his labourers and material. Any claim by his Employees for damages shall be settled by the Contractor even if action is against BHEL or to reimburse the legal expenses incurred by BHEL.
48. Any action brought in by anybody on BHEL regarding patent, right etc., used by Contractor in execution of work shall be defended by the Contractor and / or reimburse BHEL the cost of the same.



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49. Contractor shall produce necessary records, documents; explanation whenever he is called upon to do by any Government Agencies.
50. Contractor should obtain "Workmen Compensation Policy" for their Employees.
51. LEAD, LIFT, ETC.,
- a) Unless otherwise specified in the tender schedule, the rates for all items will be deemed to include all leads, lifts and descents involved in the work.
52. EXTRA ITEMS
- No extra items of work shall be carried out by the contractor other than those authorized to do so in writing by the Engineer-in-charge. For any such items of work executed as per instructions of Engineer-in-charge, the rates will be fixed on the basis indicated under clause 50 of BHEL GCC/as per terms and conditions of BHEL. The schedule of rates to be followed in this case will be CPWD schedule of rates.