

# 2021

**BHARAT HEAVY ELECTRICALS LIMITED  
SOLAR BUSINESSDIVISION, BENGALURU  
TENDER DOCUMENT**

**Name: Navit Mahajan  
Designation: Dy. Manager  
BHEL SBD Bangalore**



**NOTICE INVITING TENDER**

1. BHEL/ SBD (A Govt. of India Enterprise) invites Tender for engaging a Contractor for “**Works Contract - Construction of shed behind composite insulators.**” in Malleswaram, Bangalore.
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 available for download from the official website of BHEL -[www.bhel.com](http://www.bhel.com). Corrigendum if any will be published in BHEL web site only.
6. 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 not 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](mailto: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](mailto:hiremani@bhel.in)

Ph. No. +91-080-22182204

**(ii) Technical:**

Mr. Ravi Y., Manager / WEX  
BHEL-SBD, Prof CNR Rao Circle, IISc Post, Malleswaram, Bangalore- 560 012

E-MAIL: [raviy@bhel.in](mailto:raviy@bhel.in)

Ph. No. +91-080-22182375

(OR)

Mr. S. Arunachalam, DGM / WEX  
BHEL-SBD, Prof CNR Rao Circle, IISc Post, Malleswaram, Bangalore- 560 012  
E-MAIL: [saruna@bhel.in](mailto:saruna@bhel.in), Ph. No. +91-080-22182344



# **TENDER DOCUMENT**

## **PART – A**

### **VOLUME - I**

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



**BHARAT HEAVY ELECTRICALS LIMITED,  
SOLAR BUSINESS DIVISION, Malleswaram,  
Bengaluru - 560 012**

**TENDER  
DOCUMENT  
(PART – A)  
Vol. I**

<b>1. General Information</b>	
1.1.	Tender Reference Number : <b>63484</b>
1.2.	Tender Name: <b>Construction of shed behind composite insulators.</b>
1.3.	Tender System Single Stage, Two Part Bid Part – A: Techno-Commercial & PQR Part – B: Price Bid
1.4.	Tender Type Works Contract
1.5.	Estimated Value of Contract Not Applicable
1.6.	Duration of Contract 90 days
1.7.	Qualifying Requirement As per NIT Terms & Conditions
1.8.	Earnest Money Deposit to accompany Tender Rs. 4,160/- in the form of a crossed Demand Draft/EFT favoring BHEL-SBD, Bengaluru. <b>EMD exemption is not available for this contract. (as it is a Works Contract)</b>
1.9.	Security Deposit 5% of the contract value
1.10.	Cost of Tender documents NIL
1.11.	Issue of tender documents As per Enquiry / RFQ / Notification on <a href="http://www.bhel.com">www.bhel.com</a>
1.12.	Pre- BID Meeting As per Enquiry / RFQ / Notification on <a href="http://www.bhel.com">www.bhel.com</a>
1.13.	Last date for Issue of tender documents As per Enquiry / RFQ / Notification on <a href="http://www.bhel.com">www.bhel.com</a>
1.14.	Last date for submission of tender doc As per Enquiry / RFQ / Notification on <a href="http://www.bhel.com">www.bhel.com</a>
1.15.	Date and time of opening of Tender (Part-A) As per Enquiry / RFQ / Notification on <a href="http://www.bhel.com">www.bhel.com</a>
1.16.	Tender Submission Place 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 Opening Place BHEL-SBD, Tender room, opposite to IISC, Prof. CNR Rao circle, Malleshwaram, Bengaluru-560012
1.18.	Dealing Officer (For any Clarifications) Navit Mahajan, Dy. Manager – Works Contract Cell Contact No.: 080-2218-2216 Email: <a href="mailto:navit@bhel.in">navit@bhel.in</a> Hiremani B.M. Addl. General Manager – Works Contract Cell Contact No.: 080-2218-2204 Email: <a href="mailto:hiremani@bhel.in">hiremani@bhel.in</a>
<b>2. SCOPE OF WORK</b>	
2.1.	<b>Construction of shed behind composite insulators.</b> Details as per Annexure I
<b>3. ELIGIBILITY CRITERIA</b>	
3.1.	The Firm of contractor/independent contractor (Proprietor) should be registered and having at least three years existence in business of Civil works, construction works etc consecutively for the past three financial years.
3.2.	Bidder should have independent ESI Employer code under ESI Act 1948. Photocopy of letter from ESI Corp. to establish that bidder is independently registered as an employer under ESI to be produced.
3.3.	Bidder should have independent PF code under Employee Provident Fund and Miscellaneous Provisions Act 1952. Photocopy of letter from PF Commissioner's Office to establish that bidder is independently registered as an employer PF to be produced.
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.	Bidders who wish to participate should have executed works of similar nature during last seven years as per below, as on the date of opening of Technical Bid: a. Three similar completed works costing not less than the amount equal to Rs. 98,172 each including



	<p>Taxes OR</p> <p>b. Two similar works costing not less than the amount equal to Rs. 1,22,715 each including Taxes      OR</p> <p>c. One similar completed work costing not less than the amount equal to Rs. 1,96,344 including Taxes</p> <p><b>Note:</b></p> <p>a. The term "Similar works "means vendor should have successfully executed contracts like: Civil works, construction works etc.</p> <p>b. The term 'executed' means the bidder should have achieved the criteria specified in the PQR even if the total contract has not been completed or closed.</p> <p>c. 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</p> <p>Bidder to submit following documents as proof of completion/execution of work:</p> <ol style="list-style-type: none"><li>1. P.O copy.</li><li>2. Work completion Certificate.</li></ol> <p>BHEL reserves the right for independent verification of Documents.</p>
3.6.	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.
3.7.	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.
3.8.	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.
3.9.	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.
3.10.	For the works which are continuous in nature, and which require regular interaction and monitoring, the bidder shall have an Office/Establishment in Bengaluru. Absence of such an arrangement may lead to disqualification of the Tenderer.
4.	<b>PAYMENT TERMS</b>
4.1.	The periodicity of payment to the contractor shall be done as per stage wise completion of work within 45 days from the date of completion of work (in-stages) / submission of invoice. The contractor shall raise the bill for payment as per the contractual terms & conditions mentioned in the contract, which should be duly certified by the BHEL official in charge of the contracted work. The Income tax as applicable will be deducted from the bill of the contractor. GST – TDS @ 2% will be deducted from contracts with Value above 2.5 Lakhs and the same can be claimed while filling GST returns.
5.	<b>Annexures</b>
5.1.	Detailed Scope of Work – Annexure I
5.2.	Techno-commercial Bid Application – Annexure II
5.3.	Declaration by Bidder – Annexure III
5.4.	Bidder Information– Annexure IV
5.5.	ANNEXURE – V Qualification requirements
5.6.	ANNEXURE – VI Bidder Declaration –I
5.7.	Non-Technical Deviation – Annexure VII
5.8.	Technical Deviation – Annexure VIII
5.9.	Unpriced Bid – Annexure IX



## **ANNEXURE – I SCOPE OF WORK**

**Name of work:** Construction of shed behind composite insulators.

Construction of shed behind composite insulators. The supply of Steel reinforcement, structural steel and roofing sheets will be done by BHEL as free issue.

<b>Sl. NO.</b>	<b>Item</b>	<b>Unit</b>	<b>Quantity</b>
1.00	Dismantling Concrete/ masonry/ road tar etc. either by manual or mechanical means including the cost of all materials and labours. Including shifting of debris to the identified bins inside factory premises.	cum	1.35
2.00	Earthwork excavation for foundation and disposal of debris to the nearest bin including the cost of all materials and labour etc. complete.	cum	4.05
3.00	Providing and laying in position PCC 1:4:8 using 40mm and downsize graded granite metal including curing and including the cost of all materials and labour etc complete.	cum	1.01
4.00	Providing and laying in position RCC M20 using 20mm and downsize graded granite metal including the cost of all materials and labour etc complete.	cum	5.06
5.00	Labour charges for fabrication of steel reinforcement for RCC works. The required steel reinforcement will be provided by BHEL as free issue. All other materials including binding wires falls under the scope of contractor.	kg	359.46
6.00	Providing fixing and removing centering and shuttering for foundation and footings including the cost of all materials and labour etc complete.	sqm	27
7.00	Labour charges for fabrication of structural steel including the cost of all materials and labour etc. complete. The required steel will be supplied by BHEL as free issue.	kg	4162.93
8.00	Dismantling of structural steel location at various location inside factory premises, segregating all serviceable materials and shifting to the work site, including the cost of all materials and labour etc. complete.	kg	4995.51
9.00	Labour charges for fixing Galvalume roofing sheets for roof and side cladding. The required sheets will be provided by BHEL as free issue. All other materials and labour falls under the scope of contractor.	sqm	472.50



**ANNEXURE – II TECHNO-COMMERCIAL BID APPLICATION**

To,

Dy. Manager / WC  
Bharat Heavy Electricals Limited  
Electric & Photovoltaic Division,  
IISc Post, Malleswaram,  
Bengaluru – 560 012

Dear Sir,

I / We hereby offer to carry out the work  
**Construction of shed behind composite insulators. Tender Ref. No. 63484**

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:



**ANNEXURE – III DECLARATION BY TENDERER**

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 :



**ANNEXURE – IV Bidder information**

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



**ANNEXURE – V Qualification requirements**

S. No.	DETAILS REQUIRED	Requirement fulfilled (Yes / No / NA/ Value)	Whether proof / document enclosed (YES / NO)
1	The Firm of contractor/independent contractor (Proprietor) should be registered and having at least three years existence in business of civil works, construction works etc consecutively for the past three financial years. Cl 3.1		
2.	Details of Work Experience along with a copy of Completion Certificate and Work Order / Purchase Order as per Cl.3.5		
3.	PAN No.		
4.	GST Registration Number		
5.	MSME / NSIC Certificate to be enclosed (if applicable)		
6.	EMD Details (DD No., Amount, Date & Bank)		



**ANNEXURE – VI Bidder Declaration –I**

S. No.	DETAILS REQUIRED	Requirement fulfilled (Yes / 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 Reverse 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	I have understood the LD clause mentioned in this tender and submit 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	Signed and submitted the technical deviations sheet	
10	Signed and submitted the Non-technical deviations sheet	



**ANNEXURE VII, NON-TECHNICAL DEVIATION**

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

**Total No. of deviations proposed 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.



**ANNEXURE VIII, TECHNICAL DEVIATION**

SI No.	Volume	CLAUSE NO.	NIT requirement	Bidder's Deviation

Total No. of deviations 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.



**ANNEXURE IX UNPRICED BID**

<b>Sl. NO.</b>	<b>Item</b>	<b>SAC/HSN Codes</b>	<b>Unit</b>	<b>Quantity</b>	<b>Percentage allocation</b>
1.00	Dismantling Concrete/ masonry/ road tar etc. either by manual or mechanical means including the cost of all materials and labours. Including shifting of debris to the identified bins inside factory premises.	To be filled by bidder	cum	1.35	0.86
2.00	Earthwork excavation for foundation and disposal of debris to the nearest bin including the cost of all materials and labour etc complete.	To be filled by bidder	cum	4.05	0.665
3.00	Providing and laying in position PCC 1:4:8 using 40mm and downsize graded granite metal including curing and including the cost of all materials and labour etc complete.	To be filled by bidder	cum	1.01	2.15
4.00	Providing and laying in position RCC M20 using 20mm and downsize graded granite metal including the cost of all materials and labour etc complete.	To be filled by bidder	cum	5.06	14.32
5.00	Labour charges for fabrication of steel reinforcement for RCC works. The required steel reinforcement will be provided by BHEL as free issue. All other materials including binding wires falls under the scope of contractor.	To be filled by bidder	kg	359.46	3.056
6.00	Providing fixing and removing centering and shuttering for foundation and footings including the cost of all materials and labour etc complete.	To be filled by bidder	sqm	27	2.82
7.00	Labour charges for fabrication of structural steel including the cost of all materials and labour etc complete. The required steel will be supplied by BHEL as free issue.	To be filled by bidder	kg	4162.93	39.29
8.00	Dismantling of structural steel location at various location inside factory premises, segregating all serviceable materials and shifting to the work site, including the cost of all materials and labour etc. complete.	To be filled by bidder	kg	4995.51	7.6
9.00	Labour charges for fixing Galvalume roofing sheets for roof and side cladding. The required sheets will be provided by BHEL as free issue. All other materials and labour falls under the scope of contractor.	To be filled by bidder	sqm	472.50	29.24
	<b>Total Quoted Amount for the Work</b>				To be filled by bidder
	<b>GST- %age</b>				To be filled by bidder
	<b>GST - Value</b>				To be filled by bidder
	<b>Grand Total</b>				To be filled by bidder

Bidder to indicate SAC / HSN Code

( SEAL & SIGN OF BIDDER)