



**Pre Bid Tie Up- 3x100 MW Floating Solar PV
Power Plant, Omkareshwar Reservoir, MP.**

Modules & Floaters

Ref No: MM/PBT/2022/01

Pre Bid Tie Up

FOR

Partnering with BHEL

ON

**Supply & Installation of PV Modules, Floaters, anchoring & mooring system and AMC for 3x100
MW Floating Solar PV Power Plant, Omkareshwar Reservoir, MP.**

Issued by:

Bharat Heavy Electricals Limited,

Malleswaram -560012 (hereinafter referred to as 'BHEL')

also

having registered office at

BHEL House, Siri Fort New Delhi-110049 INDIA



**Pre Bid Tie Up- 3x100 MW Floating Solar PV
Power Plant, Omkareshwar Reservoir, MP.**

Modules & Floaters

DISCLAIMER

All information contained in this PBT provided / clarified are in good interest and faith. The information contained in this Expression of Interest document or subsequently provided to Bidder(s), whether verbally or in documentary or any other form, by or on behalf of BHEL, is provided on the terms and conditions set out in this PBT and such other terms and conditions subject to which such information is provided.

The purpose of this PBT is to provide interested parties with information that may be useful to them in the formulation of their application for qualification and subsequent selection pursuant to this PBT. This PBT is not an offer by BHEL to the prospective Bidder(s) or any other person. This PBT is neither intended nor shall it be construed as creating or requiring any ongoing or continuing relationship or commitment with any party or person. This is not an offer or invitation to enter into an agreement of any kind with any party.

Though adequate care has been taken in the preparation of this PBT document, the interested firms shall satisfy itself that the document is complete in all respects. The information is not intended to be exhaustive. Interested Agencies are required to make their own enquiries and assumptions wherever required. Intimation of discrepancy, if any, should be given to the specified office immediately. If no intimation is received by this office by the date mentioned in the document, it shall be deemed that the PBT document is complete in all respects and firms submitting their interest are satisfied with the PBT Document in all respects.

The issue of this PBT does not imply that BHEL is bound to select and shortlist Bidder(s) for next stage or to enter into any agreement(s) with any Bidder(s). BHEL reserves all right to reject any applications submitted in response to this PBT document at any stage without assigning any reasons thereof. BHEL also reserves the right to withhold or withdraw the process at any stage. Neither BHEL nor its employees and associates will have any liability any loss, expense or damage which may arise from or be incurred or suffered in connection with anything contained in this PBT document or any matter deemed to form part of this PBT document, the information and any other information supplied by or on behalf of BHEL. BHEL accepts no liability of any nature whether resulting from negligence or otherwise howsoever caused arising from reliance/use of any statements/information contained in this PBT by the Bidder. BHEL is not making any representation or warranty, express or implied, as to the accuracy or completeness of any information/statements made in this PBT.

The Bidder shall bear all its costs associated with or relating to the preparation and submission of its Application including but not limited to preparation, copying, postage, delivery fees, expenses associated with any demonstrations or presentations which may be required by BHEL or any other costs incurred in connection with or relating to its Application. All such costs and expenses will remain with the Bidder and BHEL shall not be liable in any manner whatsoever for the same or for any other costs or other expenses incurred by an Bidder in preparation or submission of the Application, regardless of the conduct or outcome of the PBT.



Pre Bid Tie Up- 3x100 MW Floating Solar PV Power Plant, Omkareshwar Reservoir, MP.

Modules & Floaters

1.0 INTRODUCTION

This Expression of Interest (PBT) seeks response from Original Equipment Manufacturer (OEMs) who are involved in designing or have past experience in manufacturing of Modules and floaters.

2.0 ABOUT BHEL

Bharat Heavy Electricals Limited (BHEL) is a Central Public Sector Enterprise, wherein Government of India is holding 63.06% of its equity. It is an integrated power plant equipment manufacturer and one of the largest engineering and manufacturing companies of its kind in India having a turnover of about USD 5 billion. The company is engaged in the design, engineering, manufacture, construction, testing, commissioning and servicing of a wide range of products and services for the core sectors of the economy, viz. Power, Transmission, Industry, Transportation, Renewable Energy, Oil & Gas and Defence with over 180 product offerings to meet the needs of these sectors.

Since its inception in 1964, BHEL has been the solid bedrock of evolution of India's Heavy Electrical Equipment industry. BHEL has a mammoth 20,000 MW per annum capability for manufacturing of power generation equipment. A widespread network of 17 manufacturing units, 2 repair units, 4 regional offices, 8 service centres, 1 subsidiary, 4 overseas offices, 6 joint ventures, 15 regional marketing centres and current project execution at more than 150 project sites across India and abroad corroborates the humongous scale and size of its operations.

With key focus on project execution, the worldwide installed base of power generating equipment supplied by BHEL has exceeded 178 GW. BHEL's equipment that account for about 60% of the country's total generation from thermal utility sets (coal based), stand a testimony to its valuable contribution towards nation building. BHEL's global competitiveness has established its footprint in all the inhabited continents with references in 82 countries.

The high level of quality & reliability of BHEL products is a testimony to its adherence to international standards by acquiring and adapting some of the best technologies from leading companies in the world including General Electric, Siemens AG, Mitsubishi Heavy Industries Ltd. etc., together with technologies developed in its own R&D centres. BHEL invests more than 2.5% of turnover on R&D and innovation.

BHEL has been designing and manufacturing rolling stock for rail and urban transportation. BHEL has also been manufacturing Motors, Power electronics and Controllers for various transportation applications at its various factories. BHEL also has a Battery Packaging facility for space applications.

In Solar Business, BHEL is into the manufacture of cells, Modules and setting up solar Power plant land mounted and Floater projects.

At Solar Business division, Bangalore, we manufacture complete solar cells of 100 MW capacity and Modules of 200 MW capacity.

More details about the entire range of BHEL's products and operations can be obtained by visiting our web site www.bhel.com.



Pre Bid Tie Up- 3x100 MW Floating Solar PV Power Plant, Omkareshwar Reservoir, MP.

Modules & Floaters

3.0 PURPOSE

- 3.1 BHEL is a regular Equipment supplier in the field solar business.
- 3.2 RUMSL vide RUMSL-2021-TN000001 has called for RFP to DEVELOPMENT OF 600 MW FLOATING SOLAR PARK at OMKARESHWAR RESERVOIR, MADHYA PRADESH.
- 3.3 The intent of this Pre Bid Tie up hereinafter referred to as the "PBT" is to invite offers from interested organizations / companies who are willing to Partner with BHEL for identified scope of bidder for execution of contracts for the above mentioned Train Sets:
- 3.4 Interested organizations / companies/parties to submit their proposal for Sl.no. 1 and 2 together.
- 3.5 BHEL shall select suitable partner(s) who meet Pre-Qualification Criteria (PQR) for the intended business tie-up and shall enter into a Memorandum of Understanding (MoU)/ Pre-bid tie-up with selected partner(s).
- 3.6 The chosen partner(s) shall also be required to enter into **mutually exclusive pre-bid tie up arrangement** with BHEL to provide due support for fulfilling the contractual obligations of BHEL to the customer i.e. RUMSL. Preference shall be given to the bidders who are willing for joint consortium bidding as per the tender requirements. Also the selected bidder, after entering into a mutually exclusive agreement with BHEL, cannot quote directly or enter into any kind of joint arrangement with any other party for the above mentioned items (Modules and Floaters) tender.
- 3.7 Manufacturing /sourcing of all other items of Tender (BOI's are in BHEL's scope).

4.0 Scope of Activities for mentioned Tender:

As per the specifications referred in tender conditions.

Your offer shall be submitted in two parts strictly as per "Instructions to Bidders" of GCC, Rev R0 in sealed covers.

Your best quotation / offer for the above requirement, in line with our terms and conditions, should either be delivered in person or sent by COURIER/REGISTERED POST, to the following address only:

Offer can also be submitted thru email to email ids specified below only: -

PART-A (I) BID i.e. TECHNICAL BID on technicalbid-epd@bhel.in

PART-B (II) BID i.e. PRICE BID on pricebid-epd@bhel.in

NOTE: -

1. Tender reference & due date to be mentioned in subject of mail.
2. Bidders may adopt this mode at their own risk. The Purchaser does not own any responsibility /liability for delays in receipt / loss of secrecy of such offers.



**Pre Bid Tie Up- 3x100 MW Floating Solar PV
Power Plant, Omkareshwar Reservoir, MP.**

Modules & Floaters

It shall be the responsibility of the bidder to ensure that the tender is submitted on or before the due date **02.05.2022** by **02:00 P.M.**

Part-I bids shall be opened at **02:30 P.M.** on the due date in the presence of authorized representatives of the bidders, who may like to be present.

The bidder is required to clearly mention

- 1.** Tender Ref., RFQ/Tender Due Date & Name of the item in BOLD LETTERS on the top of each envelope submitted.
- 2.** Name and contact details (including mobile no. and email address) of minimum one contact person along with date of submission of offer in a cover letter.

BHEL

Pre-Qualification Requirements-Commercial

S.N.	Requirement	Bidder's Response	Supporting document
1	Has sufficient engineering/design/manufacturing capabilities for design, development, manufacturing, testing and commissioning of proposed scope of work.		Self certification
2	Has not been blacklisted / banned business dealings by BHEL or any Government Department of India.		Declaration on company's letter head.
3	No previous contract has been terminated either in full or part due to Bidder's failure.		Declaration on company's letter head.
4	Has not suffered insolvency / bankruptcy.		Declaration, Copy of Audited Balance sheet.
5	Respondent must have positive net worth as of last three financial years.		Declaration, Copy of Audited Balance sheet.

Any other documents considered relevant to meet PQR and to support evaluation criteria are to be submitted.

NOTE : Bidders with deviations to the above mentioned PQR are also encouraged to submit their proposal. However acceptance/suitability of such responses shall rest with BHEL and same decision shall be final and binding.

(Sign & Company Seal)

Authorized signatory



UN PRICE FORMAT- FOR INDIAN SUPPLIERS FOR Mono crystalline PV Module & Floaters

Rev 00

26.04.2022

TENDER REF: PBT/Omkareshwar

SUPPLIER's NAME:

Currency : INR

Sl.No	Item Description:	Unit of Measurement	Percentage of Weightage on Total price	HSN Code	Qty (1)	Ex-works price INR <u>excluding freight & including P&F</u>	Inland freight up to site	Unit FOR Site	Total FOR Site PRICE [1X2] = [3] INR	For Indigenous supplies			TOTAL PRICE = (6)=(3)+(4)+(5) (Currency)
										CGST @ _____%=(4)INR	SGST @ _____%=(5)INR	IGST @ _____%=(5) INR	
1a	Supply of Monocrystalline PV Module	KW	70-80%		1,35,625								
1b	Supply of HDPE 'Floaters	KW	15-20%		1,35,625								
1c	Supply of Anchoring and Mooring Items	KW	5-10%		1,35,625								
1d	Installation of items mentioned in sl no 1a to 1c	KW	1-5%		1,35,625		NA	NA					
1c	AMC	KW	1-5%		1,35,625		NA	NA					

Evaluation shall be done on Cost to BHEL basis for complete package on- Cost to company-Omkareshwar site basis

TOTAL PRICE =(6)=Sum of Two line items

TOTAL PRICE IN WORDS (6) :

Price shall be firm till the completion of order execution.

DATE:
PLACE:

BIDDER's SIGN & SEAL



UN PRICE FORMAT- FOR FOREIGN SUPPLIERS FOR Mono crystalline PV Module & Floaters

26.04.2022

TENDER REF: PBT/Omkareshwar

Sl.No	Item Description:	Unit of Measureme nt	HSN Code	Percentage of Weightage on Total price	Qty (1)	Quoted Currency in INR / Other Currency	CPT-Mumbai RATE In Figures To be entered by the Bidder in their quoted currency (Insurance in BHEL Scope)	TOTAL AMOUNT excluding taxes in bidder quoted currency
1a	Supply of Monocrystalline PV Module	KW		70-80%	1,35,625			
1b	Supply of HDPE 'Floaters	KW		15-20%	1,35,625			
1c	Supply of Anchoring and Mooring Items	KW		5-10%	1,35,625			
1d	Installation of items mentioned in sl no 1a to 1c	KW		1-5%	1,35,625			
1c	AMC	KW		1-5%	1,35,625			

Evaluation shall be done on Cost to BHEL basis for complete package on- Cost to comapny-Omkareshwar site basis

TOTAL PRICE IN WORDS (6) :

Price shall be firm till the completion of order execution.

DATE:
PLACE:



PRICE FORMAT- FOR INDIAN SUPPLIERS FOR Mono crystalline PV Module & Floaters

Rev 00

26.04.2022

TENDER REF: PBT/Omkareshwar

SUPPLIER's NAME:

Currency : INR

Sl.No	Item Description:	Unit of Measurement	HSN Code	Percentage of Weightage on Total price	Qty (1)	Ex-works price INR <u>excluding freight & including P&F</u>	Inland freight up to site	Unit FOR Site	For Indigenous supplies				TOTAL PRICE = (6)=(3)+(4)+(5) (Currency)	
									Total FOR Site PRICE [1X2] = [3] INR	CGST @ %=(4)INR	SGST @ %=(5)INR	IGST @ %=(5) INR		
1a	Supply of Monocrystalline PV Module	KW		70-80%	1,35,625									
1b	Supply of HDPE 'Floaters	KW		15-20%	1,35,625									
1c	Supply of Anchoring and Mooring Items	KW		5-10%	1,35,625									
1d	Installation of items mentioned in sl no 1a to 1c	KW		1-5%	1,35,625		NA	NA						
1c	AMC	KW		1-5%	1,35,625		NA	NA						

1. Evaluation shall be done on Cost to BHEL basis for complete package on- Cost to company-Omkareshwar site basis
2. Bidder shall quote for complete scope of the tender ie. For all the line items.

TOTAL PRICE =(6)=Sum of Two line items

HSN CODE: _____

TOTAL PRICE IN WORDS (6) :

Price shall be firm till the completion of order execution.

DATE:
PLACE:

BIDDER's SIGN & SEAL



PRICE FORMAT- FOR FOREIGN SUPPLIERS FOR Mono crystalline PV Module & Floaters

26.04.2022

TENDER REF: PBT/Omkareshwar

Sl.No	Item Description:	Unit of Measurement	HSN Code	Percentage of Weightage on Total price	Qty (1)	Quoted Currency in INR / Other Currency	CPT-Mumbai RATE In Figures To be entered by the Bidder in their quoted currency (Insurance in BHEL Scope)	TOTAL AMOUNT excluding taxes in bidder quoted currency
1a	Supply of Monocrystalline PV Module	KW		70-80%	1,35,625			
1b	Supply of HDPE 'Floaters	KW		15-20%	1,35,625			
1c	Supply of Anchoring and Mooring Items	KW		5-10%	1,35,625			
1d	Installation of items mentioned in sl no 1a to 1c	KW		1-5%	1,35,625			
1c	AMC	KW		1-5%	1,35,625			

Evaluation shall be done on Cost to BHEL basis for complete package on- Cost to company-Omkareshwar site basis

TOTAL PRICE IN WORDS (6) :

Price shall be firm till the completion of order execution.

DATE:
PLACE: