

NOTICE INVITING BUDGETORY OFFERS

Name of Work	NAME OF WORK “Providing project management consultancy services for purchase of solar power through Open Access Arrangement”
Date of submission of budgetary quotation	On or Before 07/04/2022 at 11:00 Hrs.
Address for communication:	Executive Engineer (E-HL), Mechanical Engineering Department, Mormugao Port Authority, Electrical Section, 1st Floor, Admin. Building, Headland sada Vasco-de-Gama Goa - 403804
Contact Details	Phone : (0832) 2594241, 2594244 Email : xene.mgpt@gmail.com
Website	www.mptgoa.gov.in

**EXECUTIVE ENGINEER (E-HL)
MORMUGAO PORT AUTHORITY**

MORMUGAO PORT AUTHORITY
ENGINEERING MECHANICAL DEPARTMENT

CME/XEN(E-HL)/Solar/2022/

.03.2022

**Sub: Providing Project management consultancy services for purchase of solar power
through Open Access Arrangement**

Ref: Budgetary Quotation No. CME/XEN(E-HL)/Solar/2022/B1

Mormugao Port Authority intends to engage Project Management Consultancy (PMC) for purchase of solar power through Open Access Arrangement. As such, kindly furnish the budgetary quotation for the same (Scope of work enclosed as Schedule - 'A' and Price Schedule enclosed as Schedule - 'A1').

Your budgetary quotation should reach to this office on 07.04.2022.

Thanking you,

Yours sincerely,

EXECUTIVE ENGINEER (E-HL)

TECHNICAL SPECIFICATION**1.0. Introduction :**

Mormugao Port Authority (formerly known as Mormugao Port Trust) is one of the oldest ports on the West Coast of India located in the state of Goa, commissioned in 1885. This port is one among twelve major ports in India. This port is midway between ports of Mumbai and New Mangalore Port is blessed with a protected open type natural harbour. Over the years, it has developed a deep draft channel. With its location at the mouth of the Zuari River, it is a crucial component in the flourishing export industry of the state of Goa. It became one amongst the major ports of the country in 1964.

2.0. General :

Mormugao Port Authority intends to engage Project Management & Consultancy (PMC) for purchase of power through Open Access for Mormugao Port Authority via 1.4 MW (AC) Solar PV Project. The scope of work, Minimum Eligibility Criteria (MEC) & payment terms for the PMC services for open access arrangement is stipulated as under:-

3.0. Scope of Work

- 3.1. Preparation of a Pre-feasibility Report for the Open Access arrangement based on the following:
 - a) Surveying the site and study existing contract demand, energy bill analysis and identify the requirement of solar power plant capacity. Detailed analysis of energy consumption and requirement.
 - b) Analyzing Goa Solar policy, Open Access regulations, Tariff regulations, Power Trading guidelines and other related RE guidelines for energy procurement through solar.
 - c) Evaluate regulatory support & challenges
 - d) Analyze electricity market dynamics – price, reliability, demand & supply
 - e) Identify best on-site Solar (Poly/Mono/BIPV/Other) generation technologies
 - f) Analyze generation costs & risks
 - g) Analyze Business case – investment volume & payback
 - h) Identifying energy security of site based on incoming power supply/power scenario in state.
- 3.2. Energy Supplier selection under Open Access for 1.4 MW Capacity through Solar Project.
 - a) Drafting RFP document for energy procurement including Instructions to Bidders, General Conditions of Contract (GCC), Special Conditions of Contract (SCC) and other contractual documents in coordination with Port.
 - b) Preparation of Bid Evaluation Criteria & selection method for SPD. The Bid document would broadly cover Technical Specification, pre-qualifying requirements, Scope of Work, PPA, Drawings, Performance Guarantee, Test Procedures and Price format.
 - c) E-tendering, pre-bid meetings/clarifications, reverse auction and evaluation of the Bids.
 - d) Issue of LOI to SPD.

- 3.3. Vetting of power purchase agreement and other terms and conditions
- a) Energy Supplier Contracts Review
 - b) Study and review of the PPA conditions as short, medium or long term.
 - c) Provide support in preparation until signing of tri-partite agreement and Power Purchase Agreement on long term basis (25 years) at a tariff determined based on lowest discovered percentage tariff through competitive bidding by Consultant with SPD.
 - d) Finalization of the Energy Supplier considering the best quality and commercial aspects.
 - e) The Consultant shall be responsible and shall complete all formalities with both the DISCOM and other statutory bodies.
 - f) Performance ratio acceptance.

3.4. Project progress report & Commissioning certificate

- a) Review of Project progress report
- b) Project review report
- c) Commissioning review
- d) Commissioning certificate issuance

4.0. Payment Terms

Payment terms upon receipt of firm work order

- a) 20%: Upon submission of draft PFR.
- b) 25%: Upon finalization of Tender document and publication of NIT.
- c) 20% : Upon selection of Bidder and submission of LOI recommendation
- d) 25% : Upon signing of tri-partite agreement and Power Purchase Agreement on long term basis (25 years) at a tariff determined based on lowest discovered percentage tariff through competitive bidding by Consultant and with DISCOM.
- e) 10%: Against successful completion of project.

5.0. Minimum Eligibility Criteria

The bidder should have experience in PMC services for open access arrangement of capacity more than 1MW. The bidder shall submit atleast 01no. Satisfactory Completion Certificate of the above work issued by the Client along with the offer & should possess all certifications/ affiliations as necessary including statutory compliances for carrying out the PMC works.

SCHEDULE OF PRICES AND QUANTITIES

PRICE SCHEDULE

Sl. No.	Description of work	Unit	Qty.	Rate/Unit (Rs.)		GST %	Amount (Rs.)
				In figure	In words		
1	Project management consultancy services for purchase of 1.4 MW solar power under Open access arrangement as per the scope of work indicated at Schedule A	LS	1				
Total Amount							

(In Words Rupees _____ only exclusive of all taxes and duties)

Note: The rates quoted shall be inclusive of transportation, lodging and boarding, out-of-pocket expenses (OPE) on conveyance, communication expenses, 3rd party expenses, subsistence expenses on site but excusive of GST. Applicable GST shall be paid extra as applicable.