

**KANDLA PORT TRUST**  
**ELECTRICAL DIVISION**

**PRE-BID CLARIFICATIONS TO THE QUERIES OF BIDDERS IN THE MEETING HELD ON 07/07/2016.**

**SUBJECT :** TENDER NO.EL/AC/2490 FOR "DESIGN SUPPLY, INSTALLATION TESING AND COMMISSIONING OF 175 KWP SOLAR ROOFTOP PV POWER PROJECT AT A.O. BUILDING, GANDHIDHAM WITH COMPREHENSIVE O & M FOR A PERIOD OF 10 YEARS.

Sr. No.	Page No.	Clause No.	Subject As per Tender Condition	Quaries of Bidders	Clarification of KPT
1	4	Notice Inviting Online Tender	The estimated cost mentioned is Rs. 1,38,58,100/-.	<p>The scope of work defined in subsequent sections covers :</p> <p>a) SITC with one year guarantee.  b) Insurance from material delivery till guarantee period.  c) Operation for ten years.  d) Comprehensive AMC for 9 years.</p> <p>This is to inform you that even SITC part cannot be covered in the mentioned estimated cost, what to talk of other components. Kindly modify.</p> <p>Estimated contract value for the tender is Rs. 1,38,58,100/- which will not be sufficient to execute the said work with High Efficiency modules mentioned in the tender. Hence, we request you to increase the estimated contract value for this tender to Rs. 2,10,00,000/-.</p> <p>As per the above NIT clause the estimated contract value for the tender is Rs. 1,38,58,100/- which will not be sufficient to execute the said work with High Efficiency modules mentioned in the tender. So, we request you to increase the estimated contract value for this tender to Rs. 2,10,00,000/-.</p>	<p>Tender Condition holds good.</p> <p>Tender Condition holds good.</p> <p>Tender Condition holds good.</p>

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2	7	4.1(b) Section-I	<p>The Bidders shall fulfil the following pre-qualification criteria :-</p> <p>b) Solvency Certificate from bankers (National/Scheduled Bank except Co-operative Bank) for Rs. 55,43 Lakhs not older than 6 months as on the date of opening of bid.</p>	<p>As the estimated cost is increasing up to Rs. 2,10,00,000/- for the said works the Solvency requirement from bidders should be raised accordingly up to Rs. 1,00,00,000/-.</p>	Tender Condition holds good.
3	7 & 8	4.1(c) Section-I	<p>Experience of having successfully completed similar works during last 7 years ending last day of month previous to the one in which applications are invited should be either of the following :</p> <p>i) Three similar completed works costing not less than the amount equal to Rs. 55.43 Lakhs. OR</p> <p>ii) Two similar completed works costing not less than the amount equal to Rs. 69.29 Lakhs. OR</p> <p>iii) One similar completed work costing not less than the amount equal to <b>Rs. 110.86</b> Lakhs. OR</p> <p>Similar work means having Experience in execution of 100 KWp or above Solar PV project. The OEM/ authorized channel partner for at least past one year of the high efficiency (min 19%) PV module manufacturer may also submit their bids (A certificate to that effect shall be produced).</p>	<p>Experience of having successfully completed similar works during last 7 years ending last day of month previous to the one in which applications are invited should be either of the following :</p> <p>i) Three similar completed works costing not less than the amount equal to Rs. 55.43 Lakhs.</p> <p>ii) Two similar completed works costing not less than the amount equal to Rs. 69.29 Lakhs.</p> <p>iii) One similar completed work costing not less than the amount equal to <b>Rs. 100.00</b> Lakhs.</p> <p>(i) Please can you clarify whether execution of a project with 19 % module efficiency is mandatory as an eligibility condition.</p> <p>(ii) We are inform that, this is very small project related to Solar and direct OEM will not participation and for healthy participation please allow Authorised Channel Partner/ System House from OEM also, letter required from OEM.</p> <p>(iii) Similar Works : Experience in execution of 100 kWp or above Solar PV project. The OEM/ Authorised Channel Partner for at least past one year of the PV module manufacturer may also submit their bids (A certificate to that effect shall be produced.)</p>	Tender Condition holds good.
	8	4.1(c) Section-I	<p>Similar work means having Experience in execution of 100 KWp or above Solar PV project. The OEM/ authorized channel partner should be empanelled by MNRE. PV module manufacturer may also submit their bids. (A certificate to that effect shall be produced from OEM/MNRE respectively).</p> <p>As clarified above.</p>	<p>Similar work means having Experience in execution of 100 KWp or above Solar PV project. The OEM/ authorized channel partner should be empanelled by MNRE. PV module manufacturer may also submit their bids. (A certificate to that effect shall be produced from OEM/MNRE respectively).</p> <p>As clarified above.</p>	As clarified above.

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4	8	4.2(g) Section-I	Other than Manufacturer/Authorised dealer should have valid Electrical Contractor License issued by IMP Department	(iv) MNRE registers firms under 'New Entrepreneur' category ( copy enclosed as Annexure - I ) to provide them ease of doing business in the competitive environment. They should be exempted from having experience of such a large magnitude as well as turnover and solvency criteria. The same approach is adopted by Solar Energy Corporation of India (SECI) in its tenders (recent tender amendment floated by them enclosed as Annexure - II ) As per GOI orders ( enclosed as Annexure - III ), SME organizations registered with D C , MSME are allowed exemption from tender cost, EMD. Kindly modify the same.	MNRE Registered Firms under 'New Entrepreneur' category may participate and relaxation in prior experience, and prior turnover criteria is applicable. However, these firms shall be MSME and shall be registered with agencies/bodies specified by Ministry of MSME as per relevant clause. The bidder may submit relevant documentary evidence to establish above criteria.
5	8	4.2(j) Section-I	Information regarding any litigation, current or during the last five years, in which the Bidder is involved, the parties concerned and disputed amount.	Other than Manufacturer/ Authorised dealer should having valid Electrical Contractor License issued by IMP Department at the time of signing the contract.  Is it OK if we give a self-declaration on this.	This clause is not applicable for this tender.  Yes, an Undertaking on Letter Head shall be submitted where there is no litigation history.
6	9	4.2(q) Section-I	In case the similar work has been executed for any private body, the bidder will be required to produce the tax deducted at source (TDS) certificate indicating the income tax deducted by the client for that work, which will form the basis for assessing the value of completed work.	PO order copy and Completion certificate shall form the basis for assessing the value of completion work. value of completion work.	Tender Condition holds good.

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7	10	6 Section-I	<p><b>Joint Venture :</b> (Modified as per Clause No. 2 under Special Conditions, Section - III). In case of association in the form of consortium or joint venture agreement, the members of the association shall nominate one of the members as "lead partner" for participating in the tender and signing all the documents related therewith up to signing of agreement and execution of all the contractual obligations there after (in case of award of contract). All the partners of the association must also, jointly and severally, be responsible for satisfactory execution and performance of the contract. The firms with at least 26% equity holding each be allowed to jointly meet the legibility criteria.</p>	<p>Joint Venture will consider for Pre-Qualification Criteria, Please confirm.</p>	<p>Clause 2 of Section-III which supercedes Clause 6 of Section-I may please be perused. Accordingly, Clause 6 of Section-I is not applicable.</p>
8	19	35 Section-I	<p>Time Schedule : The Contract shall be effective from the date of issue of Work Order and the work shall be completed within <b>04 (Four)</b> months.</p>	<p>What if there are delays in site clearances by KPT? It will be difficult to complete the project in the 4 months then.  The Contract shall be effective from the date of issue of Work Order and the work shall be completed within <b>06 (Six)</b> months.</p>	<p>Tender Condition holds good.  Tender Condition holds good.</p>
9	19	33(I) Section-I	<p>Performance Guarantee shall be 10 % of the contract price, of which 5 % of contract price should be submitted as Performance Guarantee in form of Bank Guarantee, or Demand Draft within 21 days, on receipt of Letter of Intent and balance 5 % to be recovered as Retention Money from Running Bills. Recovery of 5% Retention Money to commence from the First RA Bill onwards @ 5% of the Bill Value from each Bill. Retention Money will be refunded within 14 days from the date of payment of final bill. Balance SD will be refunded immediately not later than 14 days from completion of defect liability period.</p>	<p>Performance Guarantee shall be 6 % of the contract price, of which 3 % of contract price should be submitted as Performance Guarantee in form of Bank Guarantee, or Demand Draft within 21 days, on receipt of Letter of Intent and balance 3 % to be recovered as Retention Money from Running Bills. Recovery of 3 % Retention Money to commence from the First RA Bill onwards @ 3 % of the Bill Value from each Bill. Retention Money will be refunded within 14 days from the date of payment of final bill. Balance SD will be refunded immediately not later than 14 days from completion of defect liability period.</p>	<p>Tender Condition holds good.  Tender Condition holds good.  Tender Condition holds good.  (Clause 9 of Section-III supercedes Clause 33 of Section-I, may please be perused).</p>

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10	24	7 Section-II	<p>Payment Terms : (Modified as per Clause No. 03 under Special Conditions, Section-III). All payments shall be made in Indian rupees unless specifically mentioned.</p> <p>(I) In respect of tender for supply and installation (Changes to be made as per nature of the Work) i. 70% of above item rate against receipt of material at site in good condition. (if TPI appointed then after inspection &amp; certification of the same by Third Party Inspection Agency).</p> <p>ii. 20% of item rate after completion of erection, installation, testing and commissioning, etc. (if TPI appointed then after inspection &amp; certification of the same by Third Party Inspection Agency) and 90 % of item rate for item covers only supply/laying/fixing (if any).</p> <p>iii. 10% will be released after successful completion of whole work (if TPI appointed then after inspection &amp; certification of the same by Third Party Inspection Agency).</p>	<p>Payment Terms : (Modified as per Clause No. 03 under Special Conditions, Section-III). All payments shall be made in Indian rupees unless (Changes to be made as per nature of the Work)</p> <p>(I) In respect of tender for supply and installation (Changes to be made as per nature of the Work) receipt of material at site in good condition. (if TPI appointed then after inspection &amp; certification of the same by Third Party Inspection Agency).</p> <p>ii. 10% of item rate after completion of erection, installation, testing and commissioning, etc. (if TPI appointed then after inspection &amp; certification of the same by Third Party Inspection Agency) and 90 % of item rate for item covers only supply/laying/fixing (if any). iii. 10% will be released after successful completion of whole work (if TPI appointed then after inspection &amp; certification of the same by Third Party Inspection Agency).</p> <p>What is implied by 10% will be released after successful completion of whole works. How is this different from 20% that will be released after completion of erection, installation, testing and commissioning.</p>	<p>Tender Condition holds good. (Clause 3 of Section-III supercedes Clause 7 of Section-II, may please be perused).</p> <p>It is clarified that 10 % of contract value will be released after completion of the work &amp; taken over by KPT. 20 % is for stage payment against individual item for erection, installation, testing and commissioning etc.</p>

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11	39 & 43	Cl. 55 of Section-II read with Cl. 8 of Section-III	The contractor shall have valid electrical contractor's licence for carrying out electrical work of nature involved in this tender obtained from the Commissioner of electricity, Energy & petrochemical Department, (Inspection Wing) Block No. 18, 6th floor, Sector No.II, Udyog Bhavan, Gandhinagar, Government of Gujarat without which the tender shall not be accepted. Contractor shall submit certificate and copy of the licence in lieu of the same for consideration. The contractor shall also have a valid Electrical Supervisor's certificate of competency, issued from the Commissioner of electricity, Energy & petrochemical Department, (Inspection Wing) Block No. 18, 6th floor, Sector No.II, Udyog Bhavan, Gandhinagar, Government of Gujarat without which the tender shall not be accepted. Contractor shall submit certificate and copy of the licence in lieu of the same for consideration.	The electrical license issued from any of the states is valid pan India as per the guidelines of CEA.  Valid Electrical Contractor License and Electrical Supervisor Certificate shall be submitted before signing of contract.	Clause 8 of Section-III which supercedes Caluse-55 of Section-II may please be perused. Accordingly, Clause-55 of Sec.-III is not applicable.  As clarified above.
12	43	Cl. 9(i) of Section-III	Clause 9 (i) Performance Guarantee shall be 10% of the contract price, of which 5% of contract price (excluding the Operation & CAMC Cost) should be submitted as Performance Guarantee in form of Bank Guarantee or Demand Draft within 21 days, on receipt of Letter of Intent and balance 5% to be recovered as Retention Money from Running Bills. Recovery of 5% Retention Money to commence from the First RA Bill onwards @ 5% of the Bill Value from each Bill. Retention Money will be refunded within 14 days from the date of payment of final bill. Balance SD will be refunded immediately not later than 14 days from completion of defect liability period.	We request you to kindly amend it as "Performance Guarantee shall be 10% of the contract price, of which 5% of contract price (excluding the Operation & CAMC Cost) should be submitted as Performance Guarantee in form of Bank Guarantee or Demand Draft within 21 days, on receipt of Letter of Intent and balance 5% of retention money should also be released against 5% of the Bank Guarantee"	Tender Condition holds good.
13	65	Technical Specification for Item No. 1 : Solar Photo	Manufacturers / Contractors should confirm whether they are supplying PV module using a RF identification tag (RFID), which must contain the following information : The RFID can be inside or outside the module laminate, but must be able to withstand harsh	The High Efficiency modules specified in the tender are manufactured outside India without RFID tag. However each high efficiency module will possess a unique serial number which on tracking will provide all the details such as flash test	The PV Module may be supplied without RFID Tag. However, Unique Serial Number should provide all the details as per tender requirement.

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		voltaic Modules Section-V	<p>environmental conditions.</p> <p>i. Name of the manufacturer of PV Module</p> <p>ii. Name of the Manufacturer of Solar cells</p> <p>iii. Month and year of the manufacture (separately for solar cells and module)</p> <p>iv. Country of origin (separately for solar cells and module)</p> <p>v. I-V curve for the module</p> <p>vi. Peak Wattage, Im, Vm and FF for the module</p> <p>Unique Serial No and Model No of the module</p> <p>vii. Date and year of obtaining IEC PV module qualification certificate</p> <p>viii. Name of the test lab issuing IEC certificate</p> <p>ix. Other relevant information on traceability of solar cells and module as per ISO 9000 series.</p> <p>Technical Specification for item No. 1: Solar Photovoltaic Modules.</p> <p>The total Solar PV minimum array capacity should not be less than 175 kWp and should comprise of modules with latest technological features to provide minimum of 19% module (PV panel) efficiency with minimum 290 kWp and above wattage of module. Module capacity less than 290 kWp should not be supplied.</p>	<p>report, date and year of manufacturing and other relevant information which will help in the identification and traceability of modules. In view of the above, we request you to accept Solar PV modules without RFID tag.</p> <p>Technical Specification for item No. 1: Solar Photovoltaic Modules. The total Solar PV minimum array capacity should not be less than 175 kWp and should comprise of modules with latest technological features to provide minimum of 14% module (PV panel) efficiency with minimum 250 kWp and above wattage of module. Module capacity less than 250 kWp should not be supplied.</p>	<p>Tender Condition holds good.</p>
14	82	Approved Make List Section-V	<p>Approved Make :</p> <p><b>Modules</b> : Panasonic, Sun Power;</p> <p><b>Inverter</b> : Su-Kam, Numeric, Kaco, SMA, Advance Energy, Zevar, Delta</p> <p>Approved Make :</p> <p><b>Modules</b> : Panasonic, Sun Power (Only high efficiency panels of more than 19% panel efficiency).</p>	<p>From above only two makes the tender restrict up to two makes only, Kindly consider the following makes also.</p> <p><b>Modules</b> : Canadian Solar, Trina Solar, Lanco Solar, Vimram Solar</p> <p><b>Inverter</b> : Schneider, ABB, SMA Solar, Advanced Energy, Bonfiglioli.</p> <p>Equivalent Make -a) Modules(only high efficiency panels of more than 14% panel efficient.</p>	<p>The followings are the makes accepted :</p> <p><b>Modules</b> : Panasonic, Sun Power, Canadian Solar, Trina Solar, Lanco Solar, Vimram Solar;</p> <p><b>Inverter</b> : Su-Kam, Numeric, Kaco, SMA, Advance Energy, Zevar, Delta, Schneider, ABB, SMA Solar, Advanced Energy, Bonfiglioli (Ingepeam).</p> <p>Tender Condition holds good.</p>

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15	84	BOQ Item No. 1 Sectin-VI	Supply, installation, testing and commissioning of 175 kWp (nominal) Solar Photovoltaic system plant including minimum 294 Wp rating crystalline Silicon PV Modules having an efficiency of minimum 19% as per specification including Complete design, construction of array support structure,, civil work (limited to fixing of PV structure) as per statutory requirements as per Technical Specification No. 1.	Supply, installation, testing and commissioning of 175 kWp (nominal) Solar Photovoltaic system plant including minimum 250 Wp rating crystalline Silicon PV Modules having an efficiency of minimum 14% as per specification including Complete design, construction of array support structure,, civil work (for fixing of PV structure) as per statutory requirements as per Technical Specification No. 1.	The rating in BOQ Item No. 1 may be read as "minimum 290 Wp" instead of "minimum 294 Wp".

Sd/-  
XEN (E)

Sd/-  
SE (E)

Sd/-  
FA & CAO

Sd/-  
CME