

Tender for Roof Top Solar Photovoltaic Power Plant at IIT Kanpur : Minutes of the Pre-bid Meeting held at EE Department, IIT Kanpur on 20 Nov 2013.

The following were present:

Mr US Yadav, Supdt. S&P, IIT Kanpur  
 Mr. P. Perumal, EE, IIT Kanpur  
 Mr. Deepak Sahu, IIT Kanpur  
 Dr. RS Anand, Convener, IIT Kanpur

Mr. Saurabh Rawal, L&T  
 Mr. Sunil Singh, IMC  
 Mr. Subhayan Chakraborty, Agni Power  
 Mr. Karan Bhagat, Waa Solar Pvt Ltd  
 Mr. Aditya Tripathi, Gautam Polymers  
 Mr. Kushendra Singh, Gautam Polymers  
 Mr. Swapnil Bhardwaj, Mohan Energy Cor. (P) Ltd  
 Mr. V. Raman, Swelect Energy Systems Ltd.  
 Mr. Anjit Kumar, Su-Kam Power Systems Ltd  
 Mr. N.K. Awasthi, Vikram Solar  
 Mr. P. Kunal, Welspun  
 Mr. Sumit Dutta, Pulse Power Technologies Pvt  
 Mr. Sanjay Shah, Offcom System Pvt Ltd, Delhi

The convener welcomed all the representative of different companies. He apprised them about the PV system technical requirements and terms & conditions. The clarifications of the queries raised are given in the last column.

Point No.	Query	IIT K Answer
<b>Terms &amp; Conditions of Tender Enquiry</b>		
15.	While submitting the Quotation do we need to Consider the MNRE subsidy?	Point 15 is quite clear about this. All subsidies, discount and other benefits need to be considered, if available. The quoted price should be the final price.
Excise Duty / Customs Duty, if applicable	What about Concessional Customs Duty for the Import Items(if any). Is it to be considered in the Price? Please confirm.	These will be as per Govt. rules and regulations applicable to educational institution. An extract from IITK purchase manual is attached in this regard as guideline. Excise on indigenous goods is totally exempted. Exemption certificate will be issued along with Purchase Order (PO).
Sales Tax / CST / VAT	Will the Client provide C-Form?	No
Road Permit	Will the Client provide Entry Permit?	Road permit will be sent along with PO.
High Sea Sale Agreement	Will the Client Enter into High Sea Sales agreement for all the Import Items(if any).Please confirm.	These will be as per Govt. rules and regulations applicable to educational institution. An extract from IITK purchase manual is attached in this regard as guideline.

Payment	Within how many days the payment will be released to the Contractor after the bills are raised?	Normally, it takes one month. It will be expedited.
Point No. 8	Warranty of Silicon modules of 90% performance at 10 years and 80% at 20 years. OR PV modules used in solar power plants/ systems must be warranted for their output peak watt capacity, which should not be less than 90% at the end of 10 years and 80% at the end of 25 years. (As per Clause 1, Sub-clause 1.7 of Minimal Technical Requirements FY 2012-2013)	It will be as per Clause 1, Sub-clause 1.7 of Minimal Technical Requirements FY 2012-2013
AMC	For how many years AMC need to be done?	3 Preventive Maintenance Service visits per year for first five years should be taken into account
Point No.10,	Demand Draft/Bank Guarantee also acceptable on EMD?	Yes.
Clause (c) Structure, Power Electronic interface & Other BOS items common to Option I & Option 2, (iii)		
At least one 50 KWp inverter.	Please Identify the building suitable for 50 kW Solar Inverter.	It will be on Western Lab buildings.
"Quotation for 1st Phase 352 KWp roof top IITK grid connected Solar photovoltaic plants are invited"	The total System Capacity as per tender is 352 kWp, whereas combined Capacity of Option 1 & Option 2 is 344 kWp. Please confirm	It is 344 KWp.
Power Evacuation Point	The Power will be evacuated in the respective solarized buildings -ACDB. Please confirm.	ACDB will be placed on the ground floor within 10 meters of the wall. Our IWD will bring cable from Power Sub-station to the point of ACDB.
Combiner Boxes (CB) and AC Distribution Box (ACDB)	Surge protection on DC and AC side.	CB & ACDB should be additionally provided with Type I & II SPDs as required to protect against surges from DC and grid side respectively.
Inverter Test Reports	Test reports and certification of Inverters	To be provided with inverters. All inverters of same make will be preferred for ease of communication & data analysis.

There being no other points, meeting was closed at 16:00 hrs. The convener thanked the all present.

**Extract from IIT Sale & Purchase Manual related to Taxes & Duties**  
**([http://www.iitk.ac.in/centralstores/store\\_purchase\\_manual.pdf](http://www.iitk.ac.in/centralstores/store_purchase_manual.pdf))**

## **10.0 Duties & Taxes:**

Presently the applicable concessional custom duty for educational Institute is 5.15% which is payable for imported items. In case the order is on Ex-works or FOB basis, the Institute may be required to pay freight / insurance charges as per prevailing rate

As per the prevailing taxation policy of the Government, VAT/CST shall be payable for all indigenous items. The service tax shall be applicable for service and for Annual Maintenance Contract (AMC). The present rate of service tax is 12.36%.

The institute is partially exempted from paying custom/excise duty for all import and indigenous items, for which an excise/custom duty exemption certificate shall have to be provided by the institute.

Whenever any item is purchased through high sea sale agreement, the concessional custom duty certificate will be issued to the supplier and the amount of custom duty paid by the supplier will be reimbursed by the Institute. However sale tax shall not be paid by the institute in such purchases.

Any concession on taxes and levies such as excise duty, custom duty and sales tax granted by the state/central Government in procurement of any item must be availed. The SPO shall obtain all such information and apprise

17

all concerned about the applicability of tax/levy rates and charges brought about, if any, from time to time. The SPO shall issue the required declaration/certificate to this effect for all purchases on demand and account for all such issues and furnish the required report to the Government Agencies, as and when required.