

Annexure 1

Scope of works

Sub: - One time maintenance and operation of 1.5 MW solar PV plant installed at ITI Limited Raebareli.

S.No	Description of works	QTY
1.	Checking and restoring DC string voltage (800V) at each SMB terminal and rectify /replace MC4 connector and insulation of cable if damaged	1 JOB
2.	Checking each bus bar in ACDB Panel and rectify/replace 02 Nos faulty busbar including insulators and taping etc	
3.	Checking each on load isolator and rectify/replace 01No. on load isolator	
4.	Checking and rectify/replace 01 set of fuse wire , fuse & insulator of HT Breaker	
5.	Checking & restore earthing of the items	
6.	Miscellaneous maintenance works as per site requirement if required	

List of items installed at solar site as mentioned below:

S.No	List of items	Qty	Make
1.	SMB (String monitoring box)	15	NA
2.	Inverter(100KW)	15	DELTA
3.	ON-Line isolator switch	15	NA
4.	LT breaker (2500A)	01	L&T
5.	Transformer (2.5 MVA)	01	Mahendra transformer limited
6.	HT breaker (800A)	02	Schneider


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Signature and Stamp of contractor

PRICE BID

Sub: - One time maintenance and operation of 1.5MW Grid tied solar PV installed at ITI Limited raebareli

S.No	Description of works	QTY	Quoted rate
1.	Checking and restoring DC string voltage (800V) at each SMB terminal and rectify /replace MC4 connector and insulation of cable if damaged	1 JOB	Basic value:.....
2.	Checking each bus bar in ACDB Panel and rectify/replace 02 Nos faulty busbar including insulators and taping etc		GST@.....%=.....
3.	Checking each on load isolator and rectify/replace 01No. on load isolator		Total Value=.....
4.	Checking and rectify/replace 01 set of fuse wire , fuse & insulator of HT Breaker		
5.	Checking & restore earthing of the items		
6.	Miscellaneous maintenance works as per site requirement if required		



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