

AMENDMENT NO. 1 FOR THE SUPPLY, INSTALLATION, TESTING, COMMISSIONING & MAINTENANCE OF ON GRID (SOLAR PHOTO VOLTAIC) POWER PLANT, OFF GRID (SOLAR PHOTO VOLTAIC) POWERPLANT AND SOLAR WATER HEATER AT CANARA BANK, CENTRE OF EXCELLENCE, GURUGRAM

S.No	Page No	Tender Clause No.	Queries in Brief	Amendment
1	3	7	Date of the Submission	09.11.2020 at 3.00 PM
2	3	8	Date of the Opening	09.11.2020 at 3.30 PM
3	92	Schedule C, Technical Data Sheet, Point M	Car Parking Structure	Please see page 4 of this document
4	103	Price Bid (Part II)	SITC of 100 LPD Solar Water Heating System (FTC Type) (08 Nos) Collector with Electricity Backup	Please read as " SITC of 100 LPD Solar Water Heating System (FPC Type) (minimum 08 Nos) Collector fins with Electricity Backup. Further, please refer to the page 5 of this document.
5	83	Schedule C, Point 20, Annual Generation Guarantee	Annual Generation Guarantee should be relaxed	Contractor will be given Climatic relaxation in the Annual Generation Guarantee. Further, Cleaning of the solar modules will be also done by Bank.
6	72	Schedule C, Module Mounting Structure, (Point 2. (iv)) & PCC structure.	The minimum thickness of the galvanization should be 120 microns and withstand 200 km/hr	Please read as "The minimum thickness of the galvanization should be 100 microns and withstand 150 km/hr

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All other terms and conditions and the technical specifications will remain same. The above amendments and clarifications for issues raised in the Pre-bid meeting shall form the part of the tender.

We request the tenderers to note the above amendments and quote accordingly.

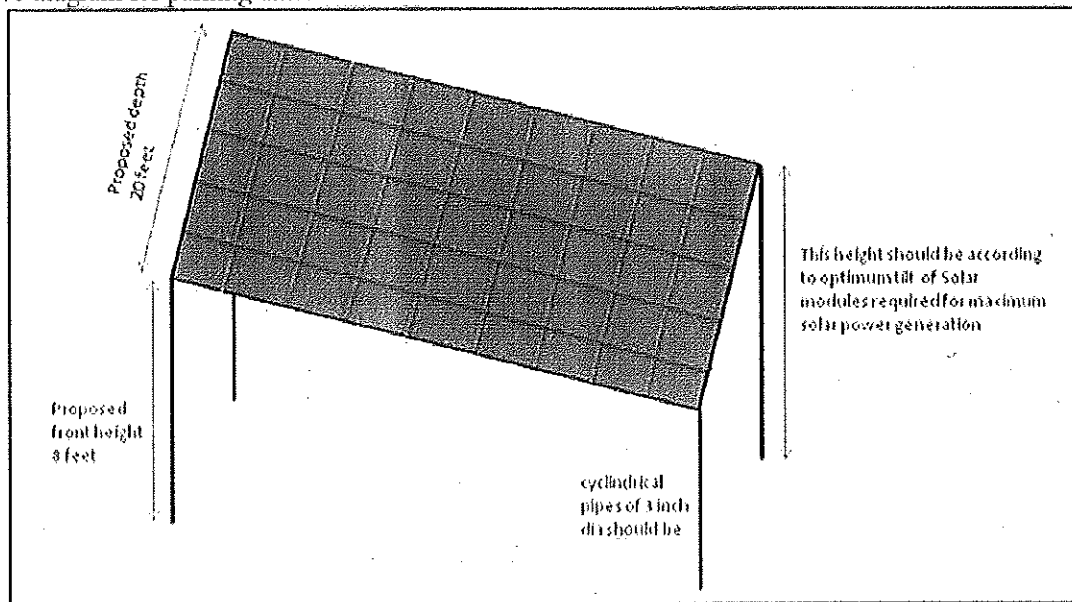
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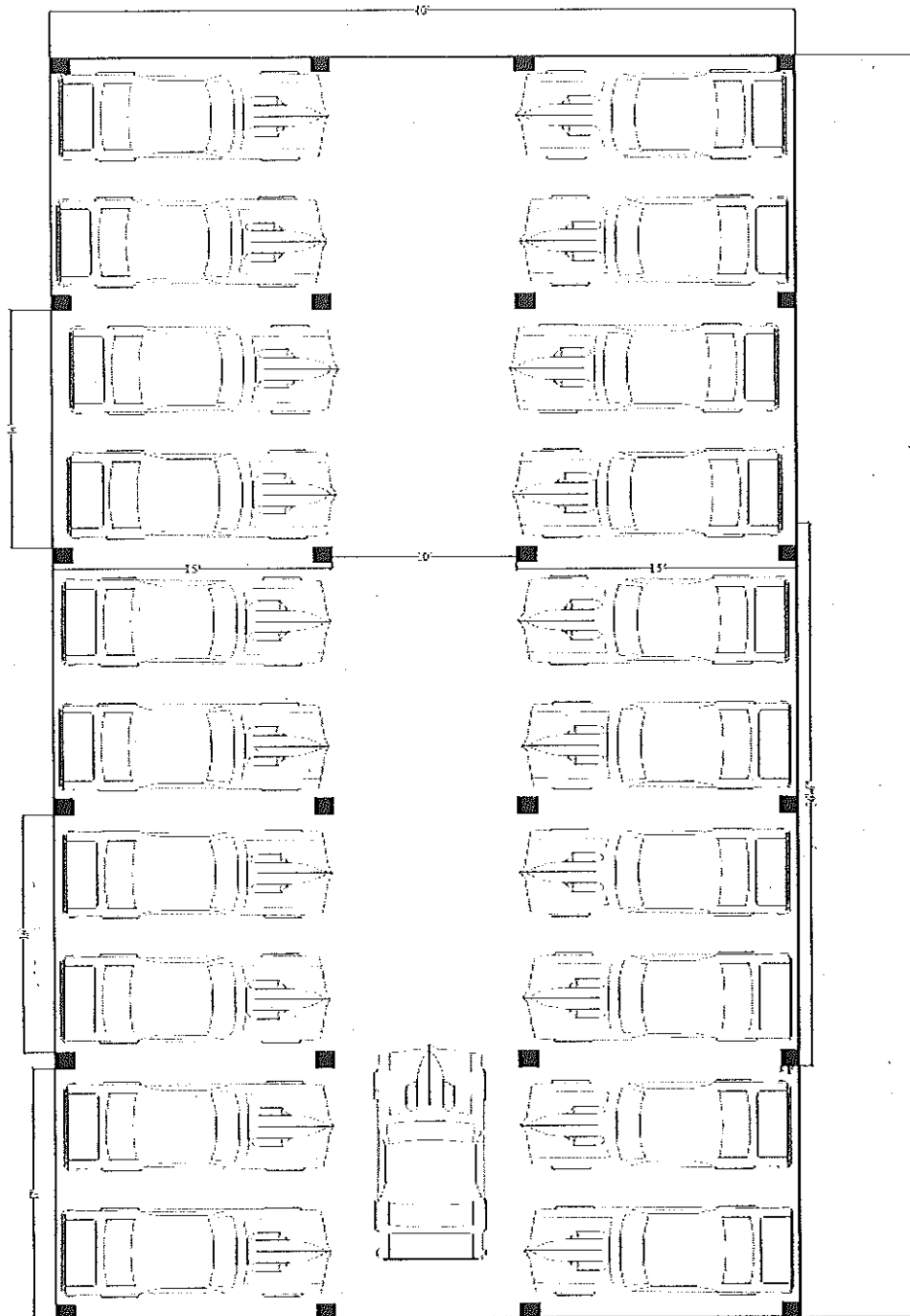
CAR PARKING STRUCTURE (TENTATIVE)

The height of Solar PV Car parking shed at front is proposed to be minimum 8 feet and should be raised to suitable height at back for optimum tilt angle. The spacing between modules shall have to be designed in such a way that there is no leakage of water from solar PV panels and Solar PV panels should act as leak proof roof for parking. Suitable material and design modification should be used for such purpose

Tentative diagram for parking dimensions is shown below:



The above dimension are tentative and may change as per design consideration at the time of installation. The availability of suitable ground area is approximately 400 Sqm.



PCC ARRAY FOUNDATION BASE: The legs of the structures made with GI angles will be fixed and grouted in the PCC foundation columns made with 1:2:4 cement concrete. The minimum clearance of the lowest part of any module structure shall not be less than 500 mm from ground level. While making foundation design, due consideration shall be given to weight of module assembly, maximum wind speed of 150 km/hr and seismic factors for the site.

SOLAR WATER HEATER (MINIMUM SPECIFICATIONS)

Inner tank: 2mm H.R sheet with CO2 welding inside coated with prime guard coating / 3mm for pressurized systems.
Side dish: 2.5mm for Non Pressurized / 3.5mm for PRD
Connecting pipes: Stainless Steel.
Insulation: 50 mm thick PUF.
Outer Cladding: Pre-coated laminated sheet (color: Half white) / Mirror finish.
End Caps: GI with PP coating.
Support Structure: GI with powder coating.

FPC Specifications

Section: 1.2mm thick Aluminium.
Back sheet: 0.46 mm thick Aluminium
Insulation: Fiber Glass wool with 50mm thick
Foil: 0.05 mm thick Aluminium
Flat plate collector fins (minimum 8): Ultrasonic welded with Nalsun coating.
Copper pipe 24 SWG, Aluminium strip 0.20mm
Header pipe: Copper 24 SWG
Glazing: 1000 X 2000 X 4mm clear toughened glass
Glass bedding: E.P.D.M. Rubber
Fasteners : Stainless steel
Grommets: E.P.D.M Rubber
Flanges: Brass
Finishing: Powder coating

Any deviation from the above should be Bank Approved.