

CORRIGENDUM - 1**Ref: - NIT No. -12531/CREDA/SPV-PUMPS/SSY-IV/2019 Dated: 23-10-2019****(RFX ID No. - 8100015942)**

Following amendments are made as per Pre-Bid meeting held on 07.11.2019:-

S.No.	Page No./ Ref. Clause	Original Version	Amendment
01	Page no.- 9 / Clause no. 11 Point no.-B	B. If the successful bid is unbalanced in relation to the benchmark cost of MNRE as stated in annexure-VII by less than 10% , the successful bidder shall have to provide Additional Performance Security (APS) to the extent of difference of 90% of benchmark cost and rates quoted by the successful bidder for total allocable quantity in such categories in which he has submitted unbalanced bid, in the form of Demand Draft/RTGS issued by approved scheduled bank in favour of CREDA, before signing the agreement. The same shall be released along with the normal SD after 05 years of agreement. Those bidders who accept the L1 Rates also required submitting Additional performance security for allocated work.	B. If the successful bid is unbalanced in relation to the benchmark cost of MNRE as stated in annexure-VII by more than 10% , the successful bidder shall have to provide Additional Performance Security (APS) to the extent of difference of 90% of benchmark cost and rates quoted by the successful bidder for total allocable quantity in such categories in which he has submitted unbalanced bid, in the form of Demand Draft/RTGS issued by approved scheduled bank in favor of CREDA, before signing the agreement. The same shall be released along with the normal SD after 05 years of agreement. Those bidders who accept the L1 Rates also required to submit Additional performance security for allocated work.
02	Page no.- 27 & 47-50 / Clause no. 3 , Point no.- E and Annexure-VI	MMS should adhere to the drawings produce in the Annexure VI	All drawings of MMS are amended as per Annexure-II (attached in this corrigendum)

<p>03</p>	<p>Page no. – 37, 38, 39, 40/ ANNEXURE – III,III- (CONTD.),IV,IV- (CONTD.)/ Indicative Technical Specifications</p>	<p>Indicative Technical Specifications of Solar Deep well (submersible)/ Shallow Well (Surface) Pumping Systems with A.C. / D.C. Induction Motor Pump Set for 0.5 HP Capacity</p>	<p>Indicative Technical Specifications of Solar Deep well (submersible)/ Shallow Well (Surface) Pumping Systems with A.C. / D.C. Induction Motor Pump Set for 0.5 HP Capacity will be as per MNRE Guidelines For MICRO PUMPING Applications (2016-17) which is as follows: FOR 0.5 hp Motor Pump Set and 600 Wp Solar Panel:</p> <p>Under the “Average Daily Solar Radiation” condition of 7.15 KWh / sq.m. on the surface of PV array (i.e. coplanar with the PV Modules),</p> <p>the minimum water output from a Solar PV Water Pumping System at different “Total Dynamic Heads” should be as specified below :</p> <ul style="list-style-type: none"> (i) Minimum 24, 000 liters of water per day from a Total Dynamic Head of 10 metres and the shut off head being at least 12 metres. (ii) Minimum 12, 000 liters of water per day from a Total Dynamic Head of 20 metres and the shut off head being at least 30 metres. (iii) Minimum 7200 liters of water per day from a Total Dynamic Head of 30 metres and the shut off head being at least 45 metres. <p>The actual duration of pumping of water on a particular day and the quantity of water pumped could vary depending on the solar intensity, location, season, etc. Indicative performance specifications for the Shallow and Deep well SPV Water Pumping Systems are given in the Annexure I.</p>
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As per above clarification the Schedules are amended as follows:-

Particulars	From Date & Time	To Date & Time	Place
Date of issue of notice inviting bid	24.10.2019 05:00 pm	----	-----
Period of availability of bidding document at website	24.10.2019 05:00 pm	16.12.2019 05:00 pm	http://www.creda.co.in
Pre Bid Meeting & submission of queries in writing	07.11.2019 11:30 am	07.11.2019 05:00 pm	At Mega Watt Plant, Conference Hall, Near Mantralaya, Atal Nagar, Nava Raipur
Submission of Technical Bid	27.11.2019 10:00 am	16.12.2019 05:00 pm	At H.O. CREDA, RE-IV, Section.
Inspection of Materials by Tender Committee as per Valid Test Report and Submission of Summary of Test Report and M.A.F.	17.12.2019 10:00 am	17.12.2019 05:00 pm	At Ground Near H.O. CREDA, VIP Road, Raipur
Submission of e-Price Bid	27.11.2019 10:00 am	16.12.2019 05:00 pm	http://www.cspc.co.in
Opening of Technical Bid	19.12.2019 10:00 am	19.12.2019 05:00 pm	At Mega Watt Plant, Conference Hall, Near Mantralaya, Atal Nagar, Nava Raipur
Declaration of Eligible Tenderer	24.12.2019 03:00 pm	----	At Mega Watt Plant, Conference Hall, Near Mantralaya, Atal Nagar, Nava Raipur
Opening of e- Price Bid	26.12.2019 10:00 am	26.12.2019 05:00 pm	At Mega Watt Plant, Conference Hall, Near Mantralaya, Atal Nagar, Nava Raipur

Note:-

- All above amendments will be applicable for every clause having same point (co-related) in tender document.
- All other terms and conditions will remain same as per tender document.

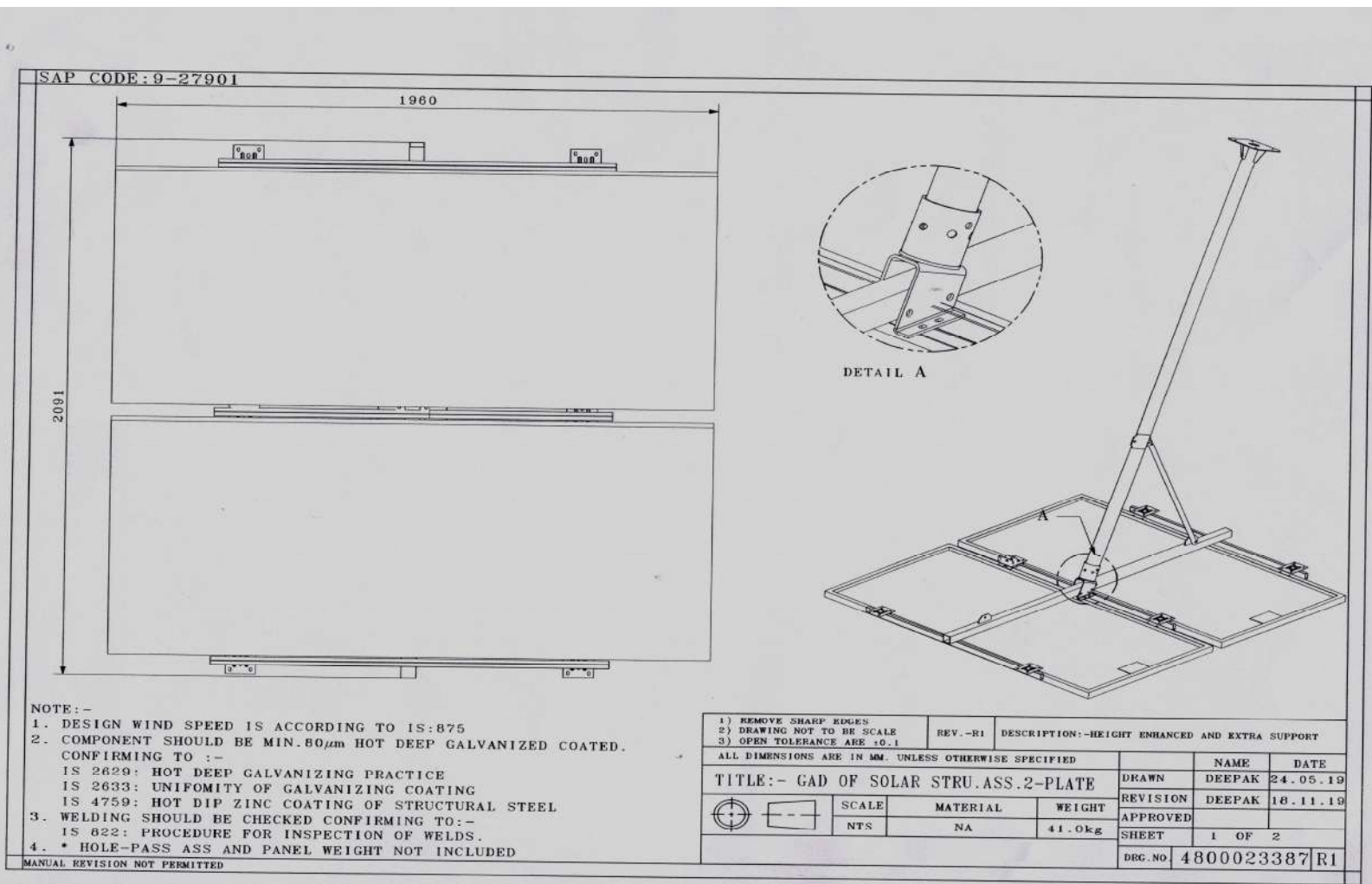
ANNEXURE - I**Indicative Technical Specifications of Solar 'MICRO' Pumping Systems:**

	Model-IV	Model-V	Model-VI
PV array	600 Wp	600 Wp	600 Wp
Motor capacity	0.5 hp	0.5 hp	0.5 hp
Shut Off Dynamic Head	12 metres	30 metres	45 metres
Water output *	24,000 litres per day from a total head of 10 metres	12,000 litres per day from a total head of 20 metres	7,200 litres per day from a total head of 30 metres

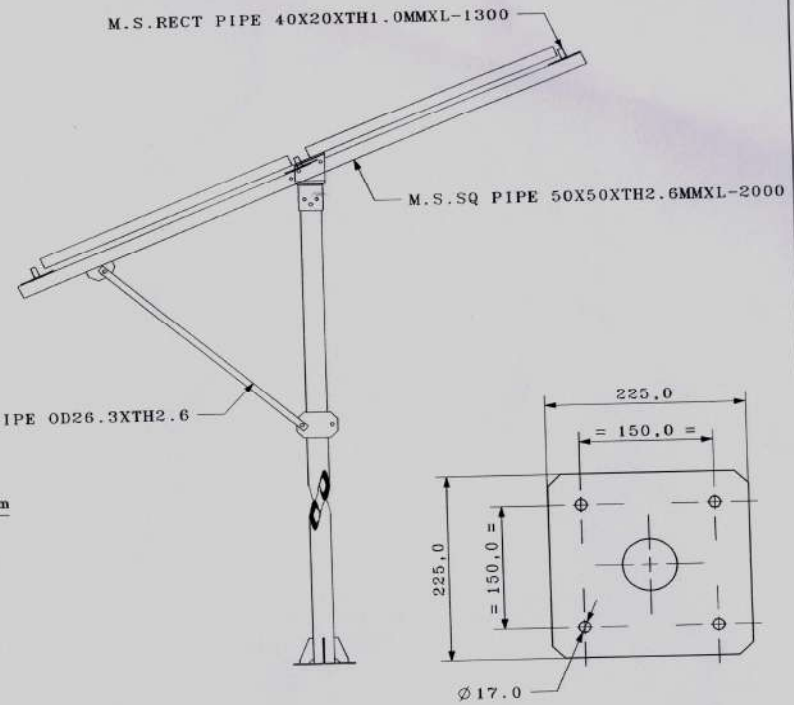
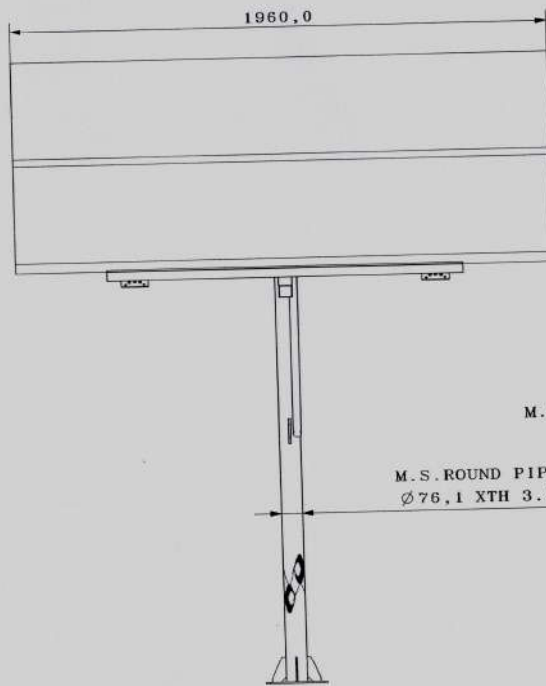
* Water output figures are on a clear sunny day with three times tracking of SPV panel, under the "Average Daily Solar Radiation" condition of 7.15 KWh/sq.m. on the surface of PV array (i.e. coplanar with the PV Modules).

Notes:

1. For higher or lower head / PV capacity, or in between various models; water output could be decided as per the clause II. (i.e. performance specifications and requirements) specified earlier.
2. In case of a surface pump, the suction head to be limited to **6 metres**.



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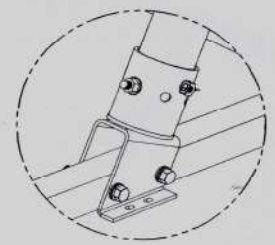
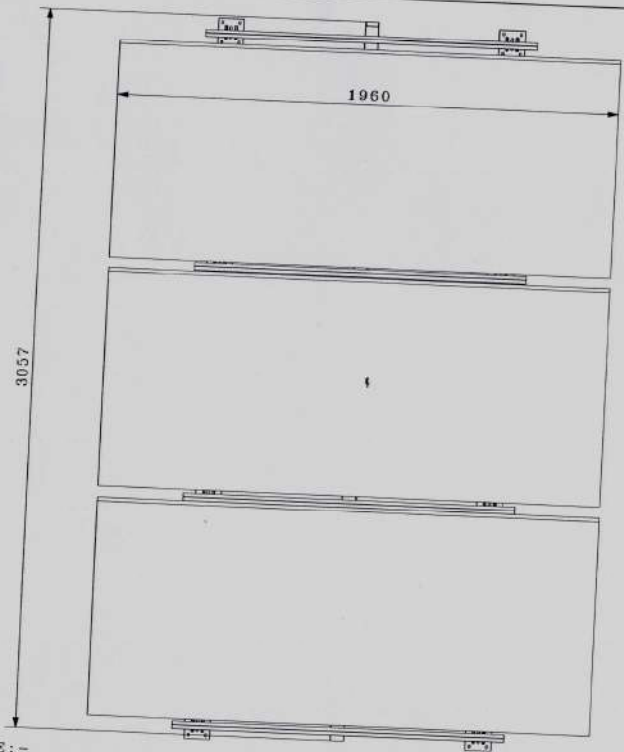
NOTE:

- 1) FOUNDATION IS DESIGNED AS PER IS:1904
- 2) ALL EXCAVATION WORK SHOULD BE ACCORDANCE TO IS:1904
- 3) USE M25-GRADE CONCRETE.

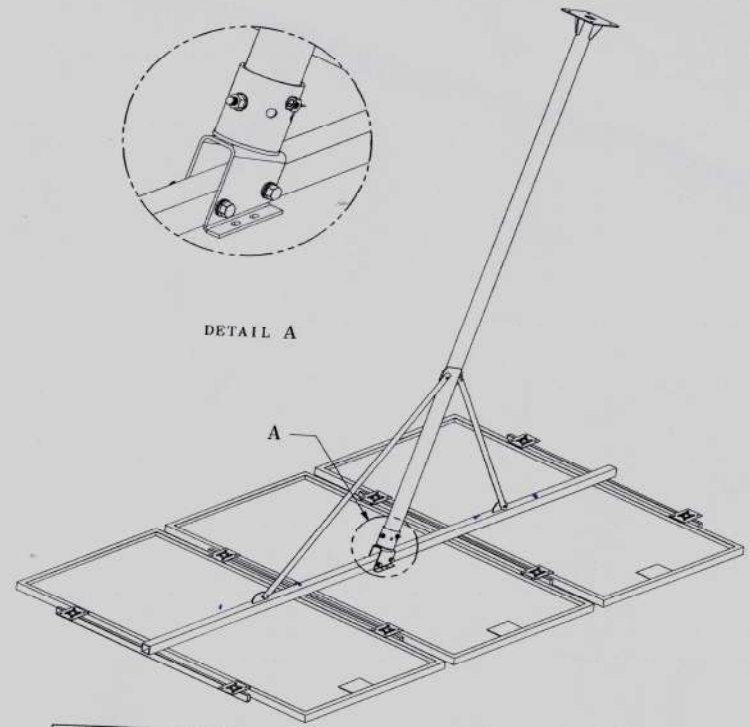
MANUAL REVISION NOT PERMITTED

1) REMOVE SHARP EDGES	REV.-R1	DESCRIPTION:-HEIGHT ENHANCED AND EXTRA SUPPORT		
2) DRAWING NOT TO BE SCALE			NAME	DATE
3) OPEN TOLERANCE ARE ±0.1			DEEPAK	24.05.19
ALL DIMENSIONS ARE IN MM. UNLESS OTHERWISE SPECIFIED			REVISION	DEEPAK 18.11.19
TITLE:- GAD DETAIL OF SOLAR STRU.ASS.2-PLATE			APPROVED	
	SCALE	MATERIAL	WEIGHT	
	NTS	NA	-----	
			SHEET	2 OF 2
			DRG. NO	4800023387 R1

SAP CODE: 9-27902



DETAIL A



- NOTE:-
1. DESIGN WIND SPEED IS ACCORDING TO IS:875
 2. COMPONENT SHOULD BE MIN.80µm HOT DEEP GALVANIZED COATED. CONFIRMING TO :-
IS 2629: HOT DEEP GALVANIZING PRACTICE
IS 2633: UNIFORMITY OF GALVANIZING COATING
IS 4759: HOT DIP ZINC COATING OF STRUCTURAL STEEL
 3. WELDING SHOULD BE CHECKED CONFIRMING TO:-
IS 822: PROCEDURE FOR INSPECTION OF WELDS.
 4. * HOLE-PASS ASS AND PANEL WEIGHT NOT INCLUDED

MANUAL REVISION NOT PERMITTED

1) REMOVE SHARP EDGES		REV. -R1	DESCRIPTION:-TOTAL HEIGHT CHANGED TO 3000			
2) DRAWING NOT TO BE SCALE						
3) OPEN TOLERANCE ARE +0.1						
ALL DIMENSIONS ARE IN MM. UNLESS OTHERWISE SPECIFIED						
TITLE:- GAD OF SOLAR STRU.ASS.3-PLATE			NAME	DATE		
	SCALE	MATERIAL	WEIGHT	DRAWN	DEEPAK	24.05.19
	NTS	NA	50.0kg	REVISION	DEEPAK	18.11.19
				APPROVED		
				SHEET	1 OF 2	
				DRG. NO	4800023389 R1	

