

CORRIGENDUM – I

No. MPUVN/S.E./302/ 2020-21/750

Date: 17-07-2020

As per the Pre-Bid Meeting held on 13th July 2020 in the conference hall of MPUVNL's head office Bhopal, MP in context with RFP No. MPUVN/SWH/2020/450 dated 26.06.2020

In compliance with the key dates indicated in the above Request for Proposal (RFP) which was issued For Selection of Contractors for Survey, Design, Supply, Installation & Commissioning of Solar Water Heating System along with 5-year Comprehensive Maintenance Contract (CMC), At various locations in the State of Madhya Pradesh India, pre-bid meeting was held on 13th July 2020 in the conference hall of MPUVNL's head office Bhopal, MP.

Based on the questions raised and suggestions received during the meeting, as well as those received over email and other correspondence, after deliberation, following response and changes have been made for the RFP.

This corrigendum shall be treated as part of RFP document.

Response to Pre-Bid queries for Solar water heater system to be installed in Tribal Hostels
(RFP No. MPUVN/SWH/2020/450 dated 26.06.2020)

S No.	Queries	Proposed Response of MPUVN
1.	MNRE and BIS approved local manufacturer agency requesting relaxation in tender terms.	As per RFP
2.	EMD which is not mentioned in tender documents, but it is being asked on portal.	Bid security and EMD are same.
3.	Request for time relaxation and direct hard copy Submission of Envelope A at MPUVN office	Handover of hardcopy directly at MPUVN or by post for submission of (Envelope A) is allowed. The timeline remains the same as mentioned in the RFP.

S No.	Queries	Proposed Response of MPUVN
4.	As mentioned in the RFP “The estimated total capacity in LPD mentioned in category wise are tentative and can decrease or increase by 30%”. MPUVN to clarify whether the change of capacity is according to the capacity of the tank mentioned in breakup under each category.	Unit capacity mentioned under each category will remain the same. However, the gross capacity may increase or decrease within each category maintaining the same unit configuration.
5.	If bank franking valid or not in place of stamp paper	Bank franking is allowed for this RFP.
6.	Bidder have requested to go with latest BIS test report for latest test FPC collector (report not more than 1 year old) and to allow authorization letter by the manufacture to dealer	As per RFP
7.	Bidders have requested to remove the responsibility of Comprehensive Maintenance (CMC) after handing over the site to the customer. If will arise the issue like breakage glass of collector or breakage of the pipeline.	The contractor is responsible for meeting the operational maintenance for 5 years as mentioned in the RFP.
8.	Request to have heat exchanges tank in the hard water area where water hardness is above 700 TDS. Otherwise it will require descaling of the collector after 3 or 4 years for getting a higher temperature.	As per RFP
9.	Some developer has requested applying Nitrile rubber insulation with tape cladding for hot water pipe insulation, as it will be helpful to execute the work within the given time	<p>Nitrile rubber insulation is not allowed in this RFP.</p> <p>In the modified RFP “Thermal Insulation of Hot water pipes” can be read as: Thermal Insulation of hot water pipes: Minimum 50 mm thick rockwool/glass wool/mineral wool having chicken mesh with aluminum cladding with framing of collars at every joint and sealed or 25 mm thick PUF on CPVC pipes with aluminum cladding with framing of collars at every joint and sealed.</p> <p>When the hot water pipe is placed against a wall it should be raised so that there is insulation throughout the hot water pipe. Similarly, when the hot water pipe is running on the roof it should be in raised structure to prevent obstruction to water or dust.</p> <p>Thermal insulation of hot water pipes: Minimum 50 mm thick</p>

S No.	Queries	Proposed Response of MPUVN
		rockwool or 25 mm thick PUF on CPVC pipes for colder regions, it will be 1 ½ times at least. In case of composite pipes, it will depend on region to region. For higher density insulations, the thickness may reduce proportionately.
10.	Some bidder has requested to set a time limit for site inspection with DREO after the solar water heater is installed and waiting for commissioning	System can be commissioned in presence of beneficiary with prior intimation to concerned DREO and concerned officer, H.O MPUVN, Bhopal.
11.	Request to relax OPBG from 10% to 5% because of COVID lock downs.	As per RFP
12.	Request for the technical specification of SHWS to be changed to Closed loop type with MS Epoxy coated, because this specification of system would delivery consistent performance in hard water condition also throughout its life cycle of 20 years.	As per RFP only Stainless Steel (SS-316[L] grade minimum) allowed.
13.	Request for anchor fastening with roof slab for robust stability of system @ 150 KM/Hr wind speed and concrete block anchoring for those systems to be installed at Ground level.	The bidder to provide proper grouting to withstand wind speed of 150 km/hr in all weather conditions. Anchor fastening is not allowed.
14.	Request for typographical error in turn over qualification of Category B.	Annexure 1- Technical Eligibility Requirements(enclosed) Annexure 2- Financial Eligibility (enclosed) Annexure 3- Bid Security (enclosed)
15.	Request to allow 1 CMC service station for cumulative capacity of 100000 LPD.	Bidder in respective category to have 1 service centre for each category and the details of the service centre to be given to MPUVN after commissioning.
16.	Request to check the typo error for inner tank material	In the modified RFP “Inner tank material” can be read as: Inner tank material: SS 316 grade Inner tank material: SS 316 grade with anticorrosive coating for hard water with chlorine contents
17.	Request to allow bid Security will be in the form of BG fromHonkong& Shanghai bank	As per RFP Bid Security is allowed only from nationalized/ scheduled bank
18.	Request to allow separate invoice for Insulated Hot water pipeline	Separate invoice is allowed

S No.	Queries	Proposed Response of MPUVN
	connecting Tank outlet to Inlet of beneficiary	
19.	Schedule B in Pricing BID cost component is only for CPVC pipe and not as per size. BOQ sheet attached.	As per RFP
20.	Bidder requested for 60% payment against the supply of the system to respective beneficiary location.	As per RFP
21.	Request for 50% relax in technical eligibility conditions and also include the installations of dealer & manufacturer to be considered jointly.	As per RFP
22.	Clarification on number of collectors for each system for e.g. 500 LPDat 60 degree max, whether there is needs of 4 or 5 collectors	As per RFP
23.	Clarification on the Internal piping from collector to tank, it should be EPDM hose/Composite.	As per RFP
24.	Clarification on the hot water CPVC piping sizes for each system Suggestion given a) 500 lpd - 1-inch b) 1000 lpd 1 1/4 inch c) 2500 lpd - 2 inch	This is part of the design scope of the work, depending on the site this may vary.
25.	Request for cold water tank Sintex with stand to be quoted separately but sizes not given in REF S.O.R. in this case. Sizes to be specified 500,1000,2500 lpd	The cold-water tank (HDPE) size is directly proportional to system size to be installed.
26.	Bidder has requested for EMD and Bid Processing fee exemption for MSMEs and Startups	There will be no exemption for MSMEs and Startups.

1. Clarification on Bid Security

For the Bid Security / EMD should not be paid online. On the “EMD exemption” page:

- i. Bidders will receive a prompt stating “Are you submitting EMD through BG/ST or Exempted from EMD payment: Yes/No”; select “Yes”
- ii. Bidders will receive a prompt stating “If yes, provide the exemption type: Percentage/Amount”; select “Percentage”.
- iii. In the “Percentage/Amount” field, fill in “100”.
- iv. Then upload the scanned copy of Bank Guarantee or proof of payment through RTGS under the “Upload EMD exemption document” heading

Annexure 1 Technical Eligibility Requirements

Category	Threshold capacity of each site in LPD	Estimated Total LPD	Minimum cumulative capacity in LPD installed over last 5 years (FY 15-16, FY 16-17, FY 17- 18, FY 18- 19, FY 19- 20) *
Category A1	7000	77000	38500
Category A2	7000	126000	63000
Category A3	7000	98000	49000
Category B	5000	40000	20000
Category C1	1000	123000	61500
Category C2	1000	144000	72000
Category C3	1000	111000	55500
Total LPD		7,19,000	3,59,500

Annexure 2- Financial Eligibility

Category	Threshold capacity of each site in LPD	Minimum Avg. Annual Turnover requirement for Financial Eligibility (INR in Cr)
Category A1	7000	0.85
Category A2	7000	1.4
Category A3	7000	1.1
Category B	5000	0.5
Category C1	1000	1.4
Category C2	1000	1.6
Category C3	1000	1.25

Annexure 3- Bid Security

Category	Threshold capacity of each site in LPD	Bid Security (in INR Lakhs)
Category A1	7000	3.4
Category A2	7000	5.5
Category A3	7000	4.3
Category B	5000	1.8
Category C1	1000	5.4
Category C2	1000	6.3
Category C3	1000	4.9

(Puneet Gujral)
Superintending Engineer