22	Cluster- 13 3 HP AC - Surface Pump with normal controller	1	Nos		
23	Cluster- 13 3 HP DC - Surface Pump with USPC	1	Nos		
24	Cluster- 13 3 HP AC - Surface Pump with USPC	1	Nos		
25	Cluster- 13 5 HP DC - Submersible Water Filled Pump with normal controller	1	Nos		
26	Cluster- 13 5 HP AC - Submersible Water Filled Pump with normal controller	1	Nos		
27	Cluster- 13 5 HP DC - Submersible Oil Filled Pump with normal controller	1	Nos		
28	Cluster- 13 5 HP AC - Submersible Oil Filled Pump with normal controller	1	Nos		
29	Cluster- 13 5 HP DC - Submersible Water Filled Pump with USPC	1	Nos		
30	Cluster- 13 5 HP AC - Submersible Water Filled Pump with USPC	1	Nos		
31	Cluster- 13 5 HP DC - Submersible Oil Filled Pump with USPC	1	Nos		
32	Cluster- 13 5 HP AC - Submersible Oil Filled Pump with USPC	1	Nos		
33	Cluster- 13 5 HP DC - Surface Pump with normal controller	1	Nos		
34	Cluster- 13 5 HP AC - Surface Pump with normal controller	1	Nos		
35	Cluster- 13 5 HP DC - Surface Pump with USPC	1	Nos		
36	Cluster- 13 5 HP AC - Surface Pump with USPC	1	Nos		
37	Cluster- 13 7.5 HP DC - Submersible Water Filled Pump with normal controller	1	Nos		
38	Cluster-13 7.5 HP AC - Submersible Water Filled Pump with normal controller	1	Nos		
39	Cluster- 13 7.5 HP DC - Submersible Oil Filled Pump with normal controller	1	Nos		
40	Cluster- 13 7.5 HP AC - Submersible Oil Filled Pump with normal controller	1	Nos		
41	Cluster- 13 7.5 HP DC - Submersible Water Filled Pump with USPC	1	Nos		
42	Cluster- 13 7.5 HP AC - Submersible Water Filled Pump with USPC	1	Nos		
43	Cluster- 13 7.5 HP DC - Submersible Oil Filled Pump with USPC	1	Nos		
44	Cluster- 13 7.5 HP AC - Submersible Oil Filled Pump with USPC	1	Nos		
45	Cluster- 13 7.5 HP DC - Surface Pump with normal controller	1	Nos		
46	Cluster- 13 7.5 HP AC - Surface Pump with normal controller	1	Nos		
47	Cluster- 13 7.5 HP DC - Surface Pump with USPC	1	Nos		
48	Cluster- 13 7.5 HP AC - Surface Pump with USPC	1	Nos		
49	Cluster- 13 10 HP DC - Submersible Water Filled Pump with normal controller	1	Nos		

50	Cluster- 13 10 HP AC - Submersible Water Filled Pump with normal controller	1	Nos		
51	Cluster- 13 10 HP DC - Submersible Oil Filled Pump with normal controller	1	Nos		
52	Cluster- 13 10 HP AC - Submersible Oil Filled Pump with normal controller	1	Nos		
53	Cluster- 13 10 HP DC - Submersible Water Filled Pump with USPC	1	Nos		
54	Cluster- 13 10 HP AC - Submersible Water Filled Pump with USPC	1	Nos		
55	Cluster- 13 10 HP DC - Submersible Oil Filled Pump with USPC	1	Nos		
56	Cluster- 13 10 HP AC - Submersible Oil Filled Pump with USPC	1	Nos		
57	Cluster- 13 10 HP DC - Surface Pump with normal controller	1	Nos		
58	Cluster- 13 10 HP AC - Surface Pump with normal controller	1	Nos		
59	Cluster- 13 10 HP DC - Surface Pump with USPC	1	Nos		
60	Cluster- 13 10 HP AC - Surface Pump with USPC	1	Nos		
For Cluster 14-Punjab, Chandigarh &Delhi					
1	Cluster- 14 1 HP DC - Submersible Water Filled Pump with normal controller	1	Nos		
2	Cluster- 14 1 HP AC - Submersible Water Filled Pump with normal controller	1	Nos		
3	Cluster- 14 1 HP DC - Submersible Oil Filled Pump with normal controller	1	Nos		
4	Cluster- 14 1 HP AC - Submersible Oil Filled Pump with normal controller	1	Nos		
5	Cluster- 14 1 HP DC - Surface Pump with normal controller	1	Nos		
6	Cluster- 14 1 HP AC - Surface Pump with normal controller	1	Nos		
7	Cluster- 14 2 HP DC - Submersible Water Filled Pump with normal controller	1	Nos		
8	Cluster- 14 2 HP AC - Submersible Water Filled Pump with normal controller	1	Nos		
9	Cluster- 14 2 HP DC - Submersible Oil Filled Pump with normal controller	1	Nos		
10	Cluster- 14 2 HP AC - Submersible Oil Filled Pump with normal controller	1	Nos		
11	Cluster- 14 2 HP DC - Surface Pump with normal controller	1	Nos		
12	Cluster- 14 2 HP AC - Surface Pump with normal controller	1	Nos		
13	Cluster- 14 3 HP DC - Submersible Water Filled Pump with normal controller	1	Nos		
14	Cluster- 14 3 HP AC - Submersible Water Filled Pump with normal controller	1	Nos		
15	Cluster- 14 3 HP DC - Submersible Oil Filled Pump with normal controller	1	Nos		
16	Cluster- 14 3 HP AC - Submersible Oil Filled Pump with normal controller	1	Nos		
17	Cluster- 14 3 HP DC - Submersible Water Filled Pump with USPC	1	Nos		

18	Cluster- 14 3 HP AC - Submersible Water Filled Pump with USPC	1	Nos		
19	Cluster- 14 3 HP DC - Submersible Oil Filled Pump with USPC	1	Nos		
20	Cluster- 14 3 HP AC - Submersible Oil Filled Pump with USPC	1	Nos		
21	Cluster- 14 3 HP DC - Surface Pump with normal controller	1	Nos		
22	Cluster- 14 3 HP AC - Surface Pump with normal controller	1	Nos		
23	Cluster- 14 3 HP DC - Surface Pump with USPC	1	Nos		
24	Cluster- 14 3 HP AC - Surface Pump with USPC	1	Nos		
25	Cluster- 14 5 HP DC - Submersible Water Filled Pump with normal controller	1	Nos		
26	Cluster- 14 5 HP AC - Submersible Water Filled Pump with normal controller	1	Nos		
27	Cluster- 14 5 HP DC - Submersible Oil Filled Pump with normal controller	1	Nos		
28	Cluster- 14 5 HP AC - Submersible Oil Filled Pump with normal controller	1	Nos		
29	Cluster- 14 5 HP DC - Submersible Water Filled Pump with USPC	1	Nos		
30	Cluster- 14 5 HP AC - Submersible Water Filled Pump with USPC	1	Nos		
31	Cluster- 14 5 HP DC - Submersible Oil Filled Pump with USPC	1	Nos		
32	Cluster- 14 5 HP AC - Submersible Oil Filled Pump with USPC	1	Nos		
33	Cluster- 14 5 HP DC - Surface Pump with normal controller	1	Nos		
34	Cluster- 14 5 HP AC - Surface Pump with normal controller	1	Nos		
35	Cluster- 14 5 HP DC - Surface Pump with USPC	1	Nos		
36	Cluster- 14 5 HP AC - Surface Pump with USPC	1	Nos		
37	Cluster- 14 7.5 HP DC - Submersible Water Filled Pump with normal controller	1	Nos		
38	Cluster- 14 7.5 HP AC - Submersible Water Filled Pump with normal controller	1	Nos		
39	Cluster- 14 7.5 HP DC - Submersible Oil Filled Pump with normal controller	1	Nos		
40	Cluster- 14 7.5 HP AC - Submersible Oil Filled Pump with normal controller	1	Nos		
41	Cluster- 14 7.5 HP DC - Submersible Water Filled Pump with USPC	1	Nos		
42	Cluster- 14 7.5 HP AC - Submersible Water Filled Pump with USPC	1	Nos		
43	Cluster- 14 7.5 HP DC - Submersible Oil Filled Pump with USPC	1	Nos		
44	Cluster- 14 7.5 HP AC - Submersible Oil Filled Pump with USPC	1	Nos		
45	Cluster- 14 7.5 HP DC - Surface Pump with normal controller	1	Nos		

46	Cluster- 14 7.5 HP AC - Surface Pump with normal controller	1	Nos		
47	Cluster- 14 7.5 HP DC - Surface Pump with USPC	1	Nos		
48	Cluster- 14 7.5 HP AC - Surface Pump with USPC	1	Nos		
49	Cluster- 14 10 HP DC - Submersible Water Filled Pump with normal controller	1	Nos		
50	Cluster- 14 10 HP AC - Submersible Water Filled Pump with normal controller	1	Nos		
51	Cluster- 14 10 HP DC - Submersible Oil Filled Pump with normal controller	1	Nos		
52	Cluster- 14 10 HP AC - Submersible Oil Filled Pump with normal controller	1	Nos		
53	Cluster- 14 10 HP DC - Submersible Water Filled Pump with USPC	1	Nos		
54	Cluster- 14 10 HP AC - Submersible Water Filled Pump with USPC	1	Nos		
55	Cluster- 14 10 HP DC - Submersible Oil Filled Pump with USPC	1	Nos		
56	Cluster- 14 10 HP AC - Submersible Oil Filled Pump with USPC	1	Nos		
57	Cluster- 14 10 HP DC - Surface Pump with normal controller	1	Nos		
58	Cluster- 14 10 HP AC - Surface Pump with normal controller	1	Nos		
59	Cluster-14 10 HP DC - Surface Pump with USPC	1	Nos		
60	Cluster- 14 10 HP AC - Surface Pump with USPC	1	Nos		
For Cluster 15-Tamil Nadu, Andhra Pradesh, Kerala, Telangana & Puducherry					
1	Cluster- 15 1 HP DC - Submersible Water Filled Pump with normal controller	1	Nos		
2	Cluster- 15 1 HP AC - Submersible Water Filled Pump with normal controller	1	Nos		
3	Cluster- 15 1 HP DC - Submersible Oil Filled Pump with normal controller	1	Nos		
4	Cluster- 15 1 HP AC - Submersible Oil Filled Pump with normal controller	1	Nos		
5	Cluster- 15 1 HP DC - Surface Pump with normal controller	1	Nos		
6	Cluster- 15 1 HP AC - Surface Pump with normal controller	1	Nos		
7	Cluster- 15 2 HP DC - Submersible Water Filled Pump with normal controller	1	Nos		
8	Cluster- 15 2 HP AC - Submersible Water Filled Pump with normal controller	1	Nos		
9	Cluster- 15 2 HP DC - Submersible Oil Filled Pump with normal controller	1	Nos		
10	Cluster- 15 2 HP AC - Submersible Oil Filled Pump with normal controller	1	Nos		
11	Cluster- 15 2 HP DC - Surface Pump with normal controller	1	Nos		
12	Cluster- 15 2 HP AC - Surface Pump with normal controller	1	Nos		

13	Cluster- 15 3 HP DC - Submersible Water Filled Pump with normal controller	1	Nos		
14	Cluster- 15 3 HP AC - Submersible Water Filled Pump with normal controller	1	Nos		
15	Cluster- 15 3 HP DC - Submersible Oil Filled Pump with normal controller	1	Nos		
16	Cluster- 15 3 HP AC - Submersible Oil Filled Pump with normal controller	1	Nos		
17	Cluster- 15 3 HP DC - Submersible Water Filled Pump with USPC	1	Nos		
18	Cluster- 15 3 HP AC - Submersible Water Filled Pump with USPC	1	Nos		
19	Cluster- 15 3 HP DC - Submersible Oil Filled Pump with USPC	1	Nos		
20	Cluster- 15 3 HP AC - Submersible Oil Filled Pump with USPC	1	Nos		
21	Cluster- 15 3 HP DC - Surface Pump with normal controller	1	Nos		
22	Cluster- 15 3 HP AC - Surface Pump with normal controller	1	Nos		
23	Cluster- 15 3 HP DC - Surface Pump with USPC	1	Nos		
24	Cluster- 15 3 HP AC - Surface Pump with USPC	1	Nos		
25	Cluster- 15 5 HP DC - Submersible Water Filled Pump with normal controller	1	Nos		
26	Cluster- 15 5 HP AC - Submersible Water Filled Pump with normal controller	1	Nos		
27	Cluster- 15 5 HP DC - Submersible Oil Filled Pump with normal controller	1	Nos		
28	Cluster- 15 5 HP AC - Submersible Oil Filled Pump with normal controller	1	Nos		
29	Cluster- 15 5 HP DC - Submersible Water Filled Pump with USPC	1	Nos		
30	Cluster- 15 5 HP AC - Submersible Water Filled Pump with USPC	1	Nos		
31	Cluster- 15 5 HP DC - Submersible Oil Filled Pump with USPC	1	Nos		
32	Cluster- 15 5 HP AC - Submersible Oil Filled Pump with USPC	1	Nos		
33	Cluster- 15 5 HP DC - Surface Pump with normal controller	1	Nos		
34	Cluster- 15 5 HP AC - Surface Pump with normal controller	1	Nos		
35	Cluster- 15 5 HP DC - Surface Pump with USPC	1	Nos		
36	Cluster- 15 5 HP AC - Surface Pump with USPC	1	Nos		
37	Cluster- 15 7.5 HP DC - Submersible Water Filled Pump with normal controller	1	Nos		
38	Cluster- 15 7.5 HP AC - Submersible Water Filled Pump with normal controller	1	Nos		
39	Cluster- 15 7.5 HP DC - Submersible Oil Filled Pump with normal controller	1	Nos		
40	Cluster- 15 7.5 HP AC - Submersible Oil Filled Pump with normal controller	1	Nos		

41	Cluster- 15 7.5 HP DC - Submersible Water Filled Pump with USPC	1	Nos		
42	Cluster- 15 7.5 HP AC - Submersible Water Filled Pump with USPC	1	Nos		
43	Cluster- 15 7.5 HP DC - Submersible Oil Filled Pump with USPC	1	Nos		
44	Cluster- 15 7.5 HP AC - Submersible Oil Filled Pump with USPC	1	Nos		
45	Cluster- 15 7.5 HP DC - Surface Pump with normal controller	1	Nos		
46	Cluster- 15 7.5 HP AC - Surface Pump with normal controller	1	Nos		
47	Cluster- 15 7.5 HP DC - Surface Pump with USPC	1	Nos		
48	Cluster- 15 7.5 HP AC - Surface Pump with USPC	1	Nos		
49	Cluster- 15 10 HP DC - Submersible Water Filled Pump with normal controller	1	Nos		
50	Cluster- 15 10 HP AC - Submersible Water Filled Pump with normal controller	1	Nos		
51	Cluster- 15 10 HP DC - Submersible Oil Filled Pump with normal controller	1	Nos		
52	Cluster- 15 10 HP AC - Submersible Oil Filled Pump with normal controller	1	Nos		
53	Cluster- 15 10 HP DC - Submersible Water Filled Pump with USPC	1	Nos		
54	Cluster- 15 10 HP AC - Submersible Water Filled Pump with USPC	1	Nos		
55	Cluster- 15 10 HP DC - Submersible Oil Filled Pump with USPC	1	Nos		
56	Cluster- 15 10 HP AC - Submersible Oil Filled Pump with USPC	1	Nos		
57	Cluster- 15 10 HP DC - Surface Pump with normal controller	1	Nos		
58	Cluster- 15 10 HP AC - Surface Pump with normal controller	1	Nos		
59	Cluster- 15 10 HP DC - Surface Pump with USPC	1	Nos		
60	Cluster- 15 10 HP AC - Surface Pump with USPC	1	Nos		
For Cluster 16- Arunachal Pradesh, Sikkim, Manipur, Meghalaya, Mizoram, Nagaland					
1	Cluster- 16 1 HP DC - Submersible Water Filled Pump with normal controller	1	Nos		
2	Cluster- 16 1 HP AC - Submersible Water Filled Pump with normal controller	1	Nos		
3	Cluster- 16 1 HP DC - Submersible Oil Filled Pump with normal controller	1	Nos		
4	Cluster- 16 1 HP AC - Submersible Oil Filled Pump with normal controller	1	Nos		
5	Cluster- 16 1 HP DC - Surface Pump with normal controller	1	Nos		
6	Cluster- 16 1 HP AC - Surface Pump with normal controller	1	Nos		
7	Cluster- 16 2 HP DC - Submersible Water Filled Pump with normal controller	1	Nos		

8	Cluster- 16 2 HP AC - Submersible Water Filled Pump with normal controller	1	Nos		
9	Cluster- 16 2 HP DC - Submersible Oil Filled Pump with normal controller	1	Nos		
10	Cluster- 16 2 HP AC - Submersible Oil Filled Pump with normal controller	1	Nos		
11	Cluster- 16 2 HP DC - Surface Pump with normal controller	1	Nos		
12	Cluster- 16 2 HP AC - Surface Pump with normal controller	1	Nos		
13	Cluster- 16 3 HP DC - Submersible Water Filled Pump with normal controller	1	Nos		
14	Cluster- 16 3 HP AC - Submersible Water Filled Pump with normal controller	1	Nos		
15	Cluster- 16 3 HP DC - Submersible Oil Filled Pump with normal controller	1	Nos		
16	Cluster- 16 3 HP AC - Submersible Oil Filled Pump with normal controller	1	Nos		
17	Cluster- 16 3 HP DC - Submersible Water Filled Pump with USPC	1	Nos		
18	Cluster- 16 3 HP AC - Submersible Water Filled Pump with USPC	1	Nos		
19	Cluster- 16 3 HP DC - Submersible Oil Filled Pump with USPC	1	Nos		
20	Cluster- 163 HP AC - Submersible Oil Filled Pump with USPC	1	Nos		
21	Cluster- 16 3 HP DC - Surface Pump with normal controller	1	Nos		
22	Cluster- 16 3 HP AC - Surface Pump with normal controller	1	Nos		
23	Cluster- 16 3 HP DC - Surface Pump with USPC	1	Nos		
24	Cluster- 16 3 HP AC - Surface Pump with USPC	1	Nos		
25	Cluster- 16 5 HP DC - Submersible Water Filled Pump with normal controller	1	Nos		
26	Cluster- 16 5 HP AC - Submersible Water Filled Pump with normal controller	1	Nos		
27	Cluster- 16 5 HP DC - Submersible Oil Filled Pump with normal controller	1	Nos		
28	Cluster- 16 5 HP AC - Submersible Oil Filled Pump with normal controller	1	Nos		
29	Cluster- 16 5 HP DC - Submersible Water Filled Pump with USPC	1	Nos		
30	Cluster- 16 5 HP AC - Submersible Water Filled Pump with USPC	1	Nos		
31	Cluster- 16 5 HP DC - Submersible Oil Filled Pump with USPC	1	Nos		
32	Cluster- 16 5 HP AC - Submersible Oil Filled Pump with USPC	1	Nos		
33	Cluster- 16 5 HP DC - Surface Pump with normal controller	1	Nos		
34	Cluster- 16 5 HP AC - Surface Pump with normal controller	1	Nos		
35	Cluster- 16 5 HP DC - Surface Pump with USPC	1	Nos		
36	Cluster- 16 5 HP AC - Surface Pump with USPC	1	Nos		

37	Cluster-16 7.5 HP DC - Submersible Water Filled Pump with normal controller	1	Nos		
38	Cluster- 16 7.5 HP AC - Submersible Water Filled Pump with normal controller	1	Nos		
39	Cluster- 16 7.5 HP DC - Submersible Oil Filled Pump with normal controller	1	Nos		
40	Cluster- 16 7.5 HP AC - Submersible Oil Filled Pump with normal controller	1	Nos		
41	Cluster- 16 7.5 HP DC - Submersible Water Filled Pump with USPC	1	Nos		
42	Cluster- 16 7.5 HP AC - Submersible Water Filled Pump with USPC	1	Nos		
43	Cluster- 16 7.5 HP DC - Submersible Oil Filled Pump with USPC	1	Nos		
44	Cluster- 16 7.5 HP AC - Submersible Oil Filled Pump with USPC	1	Nos		
45	Cluster- 16 7.5 HP DC - Surface Pump with normal controller	1	Nos		
46	Cluster- 16 7.5 HP AC - Surface Pump with normal controller	1	Nos		
47	Cluster- 16 7.5 HP DC - Surface Pump with USPC	1	Nos		
48	Cluster- 16 7.5 HP AC - Surface Pump with USPC	1	Nos		
49	Cluster- 16 10 HP DC - Submersible Water Filled Pump with normal controller	1	Nos		
50	Cluster- 16 10 HP AC - Submersible Water Filled Pump with normal controller	1	Nos		
51	Cluster- 16 10 HP DC - Submersible Oil Filled Pump with normal controller	1	Nos		
52	Cluster- 16 10 HP AC - Submersible Oil Filled Pump with normal controller	1	Nos		
53	Cluster- 16 10 HP DC - Submersible Water Filled Pump with USPC	1	Nos		
54	Cluster- 16 10 HP AC - Submersible Water Filled Pump with USPC	1	Nos		
55	Cluster- 16 10 HP DC - Submersible Oil Filled Pump with USPC	1	Nos		
56	Cluster- 16 10 HP AC - Submersible Oil Filled Pump with USPC	1	Nos		
57	Cluster- 16 10 HP DC - Surface Pump with normal controller	1	Nos		
58	Cluster- 16 10 HP AC - Surface Pump with normal controller	1	Nos		
59	Cluster- 16 10 HP DC - Surface Pump with USPC	1	Nos		
60	Cluster- 16 10 HP AC - Surface Pump with USPC	1	Nos		

*Bidder participating in the cluster Are Require to select items in which they wish to participate.

Other terms and conditions

1. The Bidder shall indicate in the Price Bid, the unit prices in Rs. (INR) of the Goods & Services in the prescribed format only. Bidders shall quote for the complete requirement of Goods and Services specified under the Contract on a single responsibility basis, failing which such Bids will not be taken into account for evaluation and will not be considered for award.
2. The bidder may quote for any or all heads in the price-bid format for which separate analysis/ reasonable estimation of all heads should be done by the bidder before quoting the rates in the financial bid. Any contravention may lead to rejection of offer submitted.
3. Any other item as required for commissioning the system for reliable and efficient operation to be provided within the quoted price.
4. The above prices are exclusive of GST.
5. The bidder shall submit PAN and GST Registration Certificate in support of claim of GST.
6. Please note that selection of the bidder will be done on the technically acceptable and L-1 (Lowest One) price basis for each line item. Bidder should quote for complete scope of work as defined above.
7. Prices once discovered can not be altered.

Notes:

I/We have read all the terms and conditions of the RfP/IFB/NIT and the Annexure(s) thereto and agree to accept and abide by the same in toto. The above quotation has been prepared after taking into account all the terms and conditions of the RfP/IFB/NIT.

Dated:

(SEAL)
Signature of Tenderer or
Their Authorized Representative:
Name and Address of Tenderer:
Phone No:
Fax No:

Annexure-VI

Following shall be the list of allocations approved to various States/UTs:

Cluster	State	Quantity (State-wise) 1HP-10HP	Quantity (Cluster-wise) 1HP-10HP
1	Chhattisgarh	20000	20000
2	Haryana	22000	22000
3	Madhya Pradesh	50000	50000
4	Maharashtra	100000	100000
5	Rajasthan	50000	50000
6	Uttar Pradesh	15000	15000
7	Tripura	2600	2600
8	Jammu & Kashmir	5000	5600
	Ladakh	600	
9	Bihar	1000	11000
	Jharkhand	10000	
10	Karnataka	10000	10200
	Goa	200	
11	Himachal Pradesh	1000	1100
	Uttarakhand	100	
12	Assam	500	6000
	West Bengal	500	
	Odisha	5000	
13	Gujarat	775	875
	Dadra & Nagar Haveli	50	
	Daman & Diu	50	
14	Punjab	15000	15600
	Chandigarh	100	
	Delhi	500	
15	Tamil Nadu	5000	7200
	Andhra Pradesh	1000	
	Kerala	100	
	Telangana	1000	
	Puducherry	100	
16	Arunachal Pradesh	50	800
	Sikkim	50	
	Manipur	50	
	Meghalaya	500	
	Mizoram	100	
	Nagaland	50	
	Total	**317975**	**317975**

Above quantities may be changed by States depending upon availability of budget or other reasons.

Compliance Matrix/ CHECK – LIST FOR BIDDERS

Please ensure these major Terms & Conditions before submitting you bids in order to avoid REJECTION of your offer.

Sl	Details / Terms & Conditions	Applicable for	Yes / Attached	No	Reasons for non-compliance/ Remarks
1	Bid document fee in the form of Banker's Cheque/ Demand Draft drawn in favor of "Energy Efficiency	Indian Bidders			
2	Letter of the bidder submitting the bid in the form as stipulated in the bid document i.e., as per Bid Form as **Attachment-1**	Indian Bidders			
3	Bid Security Declaration as **Attachment-2**	Indian Bidders			
	Bid document Fee exemption being MSEs / Start-up	Indian Bidders			
	Relevant Certificate of MSEs / Start-up Certificate from DIPP is required to be submitted	Indian Bidders			
	In case of SC/ST entrepreneurs belonging to MSE, documentary proof submitted	Indian Bidders			
	In case of Women entrepreneurs belonging to MSE, documentary proof submitted	Indian Bidders			
	Declaration & Undertaking By Micro & Small Scale Enterprises / Start-up Companies	Indian Bidders			
4	Relevant Documents and confirmation towards QR	Indian Bidders			
5	Duly signed and company sealed copy of whole tender document	Indian Bidders			
6	Duly filled up and attached Technical (Unpriced) Bid & all applicable formats of Tender Document	Indian Bidders			
7	Separate sheet(s) for Deviation if any, from the tender conditions with seal and signature of authorized personnel	Indian Bidders			
8	Declaration form for quoted Clusters and Type of Pump **(as per format in Attachment -11 and 12)**	Indian Bidders			
9	Certificate regarding Declaration of Local Content (**as per Format in Attachment-14**).	Indian Bidders			
10	**Attachment 15, Attachment 17, Attachment 21 of Section-6 Forms and Procedures**	Indian Bidders			
11	Self-Declaration for not been blacklisted or debarred by Central/State/UT Government or any Public sector entities duly signed and stamped at company's Letter Head. (Attachment-18 of Section-6, Forms & Procedures)				

12	Self-Declaration for regarding "Restrictions on procurement from a Bidder of a country which shares a land border with India" as per **Attachment-16**	Indian Bidders			
13	Self-Declaration duly signed and stamped at company's Letter Head for not being under debar list/undergoing debarment period on account of breach of the code of integrity under Rule 175(1)(i)(h) of the General Financial rules for giving false declarations of local content.(**Attachment-22)**	Indian Bidders			

Annexure-X

(Compliance Matrix Bid Qualification Criteria)

Technical QR	**Bidder Qualification Criteria as per Tender terms & conditions. The relevant documentary evidence like work order copies, completion certificates etc. are required to be furnished along with Technical Bid substantiating the qualification towards relevant experience / technical criteria (Documentary proof to be attached along with technical Bid).**			
ORDER /AWARD NOS.	ORDER DATE AND COMPLETION DATE	ORDER /AWARD AMOUNT	CLIENT NAME	DESCRIPTION OF ORDER/AWARD
Financial QR	**Annual turnover of the Bidder shall be as specified in tender documents in any of the three preceding financial years. Copy of the latest Audited balance sheet, Profit & Loss account and copy of IT returns required to be furnished for the one particular financial year which meets above requirement along with Technical Bid.**			
FINANCIAL YEAR (Tick as applicable)		Indicate Currency used for Financial Statement: _____		
Bidders	**ANNUAL TURNOVER**	**NET WORTH**	**Profitability**	
Other mandatory requirements				
Confirmation for Tender Terms & conditions / EMD [Please Tick (√) as applicable]				
1	Confirm that your Bid is valid as per tender terms & conditions the last date of submission of Bid			
2	Confirm your compliance to TERMS AND CONDITIONS of Bidding Document			
Note: Documentary Evidence is attached for experience criteria as per QR is attached along with Technical Unpriced Bid. Non-compliance to any of the QR will lead to outright rejection of the bid without any further reference to the bidders.				

RMS Communication and Security Architecture- PM KUSUM SEDM Platform

Signature :-
Subject : CN=NIKHIL BHANDARI, ST=DELHI, OID.2.5.4.17=110003, OU=SUPPLY CHAI
N MANAGEMENT, O=ENERGY EFFICIENCY SERVICES LIMITED, C=IN
User ID : nikhil.bhandari
Serial No : 13183FB

Date: 14/07/2020

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RMS Communication & Security Architecture

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2. RMS Registration (with reference to EESL Tender Annexure 8 – clause 4.d)
3. MQTT Topic Structure (with reference to EESL Tender Annexure 8 – clause 4.b,4.c)
4. MQTT Message Structure (with reference to EESL Tender Annexure 8 – clause 4.e,4.f)
5. Annexure: JSON Formats with parameter keywords, sample values and description
    a. Annexure: Pump Controller
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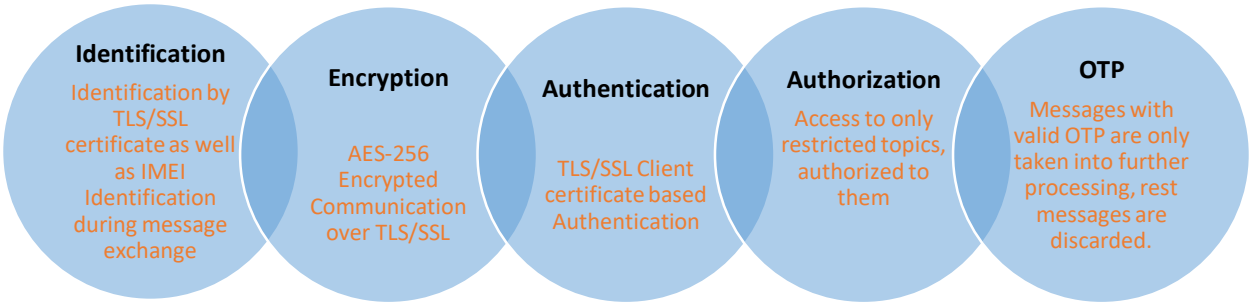
    c. Annexure: Inverter
    d. Annexure: String Combiner Box (SJB)
    e. Annexure: Heartbeat
    f. Annexure: DAQ

1. Security Architecture

This section highlights the communication security architecture between RMS/DCU and State SWPS IoT Platform. With this security, architecture, third parties are unable to intercept or "sniff" the encrypted data. This stops ISPs, employers, local network administrators and cybercriminals from being able to perform "packet sniffing" to access what the traffic contains. It also protects against man in the middle (MitM) attacks. This implements Private TLS/SSL VPN to ensure highest level of security.

In additional to this, use of OTP in every message exchange shall help restrict spammers and Bots. Such OTP based mechanism will provide transaction level security which is required for remote operations.



2. RMS Registration

This section details how individual RMS/DCU shall be registered and communicate securely with State SWPS IoT Platform.

- Every supplier/vendor must Register all unique IMEI (International Mobile Equipment Identity) of RMS/DCU with State SWPS
- State SWPS will generate individual client certificate for RMS/DCU against unique IMEI registered and share with supplier/vendor through secured web API interface.
- Every supplier/vendor shall be able to access web API with unique credentials shared with them.
- Web API shall return individual client certificate, Device Broker url and "info" topic.
- After installation of client certificate relevant to IMEI of RMS/DCU, RMS/DCU will connect to Device Broker and get authenticated using client certificate and further shall be able to receive additional configuration details such as FTP credential, Message Topic structure etc. after subscribing to default topic.
- After client certificate expiry, RMS will connect to FTP using available credentials and download the renewed certificate

3. MQTT Topic Structure

This section defines the different topic structure for communication between RMS/DCU and State SWPS through Device Broker.

RMS/DCU will publish and subscribe to their respective topics only, authorization of topic shall be done against unique credentials.

Application Version	Solution	IMEI	Message Type	Publish/Subscribe
IIOT-1	Standalonesolarpump	{IMEI}	Info	Subscribe
	Gridconnectedsolarpump		OTP	Subscribe
	SolarMW		Heartbeat	Publish
	Ongridrooftop		Data	Publish
	Offgridrooftop		Ondemand	Subscribe
			Config	Subscribe

Sample Topic structure for Stand-alone Solar Pump shall be: **IIOT-1/Standalonesolarpump/{IMEI}/info**

Multiple sub-topics will be formed for communication between RMS/DCU and sate SWPS IoT Platform

- **Info:** Default Topic To exchange RMS/DCU configuration details
- **OTP:** To exchange OTP at every interval of 15/30/60 minutes
- **Heartbeat:** To update RMS/DCU health indicators at frequent configurable intervals.
- **Data:** To exchange data related to RMS/DCU Monitoring parameters in "**push mode**"
  - Push data Periodically
  - Push data on Event/Notification
  - History Missing Data Push Mode: History data will be identified against **"index"**

- **Ondemand:** To exchange data between RMS/DCU and Server in "**Command on Demand**" Mode
    - Each "On Demand" message will have two transactions: Commands, Response.
    - On demand command and response will be tracked against a common **"MSGID".**
    - On demand message can be used to read and write with two command types
        - Command: **"Read"** - In json received from server replace each key with value from RMS/DCU and send the updated json back to server.
        - Command: **"Write"** - After executing the command based on key-value pair received in json, send the updated json back to server on successful execution.
        - Note: handshaking parameters such as msgid, etc has to send back to server as is, without modification
- **Config:** To update configurable parameters of Device, which is similar to Ondemand but will be used only for configurable parameters of Device, this implements "**Configuration over the air**"
        - Command: **"Read"** - In json received from server replace each key with value from RMS/DCU and send the updated json back to server.
        - Command: **"Write"** - After executing the command based on key-value pair received in json, send the updated json back to server on successful execution.
        - Note: handshaking parameters such as msgid, etc has to send back to server as is, without modification

4. Communication Modes

- **Push on Periodic Interval:** In this mode deployed RMS shall transmit data of Multiple devices and sensors on different configurable time intervals such as Inverter or pump controller data at every 5 minutes, Energy Meter data at every 15 minutes, String Combiner Box data at every 10 minutes
- **Push on Event:** RMS shall detect various configurable alarm or event conditions such as Pump On / Off Status, Inverter On/Off Status, Low Water Flow Rate, Fault or Trip status etc. and It shall transmit data immediately to the server
- **On Demand Read:** In this mode, User will send command to RMS to get data as and when required and RMS will send the required data to server immediately
- **On Demand Write:** In case of Remote Operations, Farmer / Consumer shall send On Demand Write Command to the RMS and RMS will send back the acknowledgement with change in parameters after operation is completed
- **Configuration read/write:** Using this mode, user will be able to read and change configurable parameters remotely such as updating periodic interval, alarm limits, server parameters etc.

5. Communication Protocols

- **Field Device Communication:** RMS to Field Devices communication such as Inverter, Pump Controller, Drive, String Combiner box, MFT/MFM, Data Acquisition System shall be established using **MODBUS RTU protocol** supported by all leading manufacturers globally

- **Energy Meter Communication:** RMS to Energy Meter communication such as Bi Directional (Revenue) Meter, Solar Generation (Audit) Meter shall be established using **DLMS/Modbus protocol** supported by all leading Meter Manufacturers in India
- **RMS to Server Communication - Industrial IoT MQTT Protocol:** RMS to Server Communication shall be established using MQTT protocol which is well accepted IoT protocol across the globe and supported by all leading IT as well as OT companies for Smart Grid, Smart RE and Smart City Applications

6. MQTT Message Structure

This section details message structure exchanged between RMS/DCU and state SWPS IoT Platform through Device Broker

keyword	Description	Sample Value
IMEI	Unique Identification of RMS/DCU – required to ensure registered source of data	863287049443888
VD	Virtual device/group – required for grouping parameters based on update interval/subsystems such as inverter/pump controller/meter/string combiner box etc.	2
MSGID	Message Transaction Id - required for "Ondemand"/"Config" message type, request/response/acknowledgement/feedback	123456789
COMMAND	Read/Write - Applicable only in case of "Ondemand"/"Config" message Type	Read
TIMESTAMP	RTC timestamp of RMS/DCU against all parameters of vd/group (YYYY-MM-DD HH:mm:SS)	2019-08-20 20:15:08
STINTERVAL	Periodic interval at which RMS shall store and transmit data to server. (in minutes)	15
DATE	local storage date – required as a reference to fetch data from local storage (YYYY-MM-DD)	2020-06-15
INDEX	Local storage Index – required as a reference to fetch data from local storage	5
MAXINDEX	Local storage maximum index of local storage date – required to calculate missing index	96
LOAD	Local storage retrieval command & status	0
POTP	Previous One Time Password	12345678
COTP	Current One Time Password, State SWPS Broker will update OTP at interval of 30/60 minutes	12345678
Parameter-1 **Parameter-2** **Parameter-3** **Parameter-1** **……..** **Parameter-n**	Equipment wise Keywords for multiple Parameters.	

Communication Format Annexure

Annexure – 1 (Revision-B) Pump Controller

Message Name	: Periodic Push Pump Controller (1)
Message Format	: JSON
Message Type	: Data
Message Command Flow	: Not Applicable for Data periodic Push
Message response Flow	: RMS -> State SWPS IoT Platform
Message Medium	: GPRS

Command Message	
Not Applicable	

Response Message		
Message	**Description**	**Unit**
{		
"VD":1	Virtual Device Index/Group	-
"TIMESTAMP":"2020-05-18 17:58:00",	RTC timestamp of RMS/DCU against all parameters of vd/group	-
“MAXINDEX”:96	maximum index of local storage date	-
"INDEX":7,	reference of local storage	-
"LOAD":0,	Local storage retrieval command & status	-
"STINTERVAL":15,	Periodic interval at which RMS shall store and transmit data to server. (in minutes)	-
"MSGID":"",	Message Transaction Id - required for “Ondemand”/”Config” message type, request/response/acknowledgement/feedback	-
"DATE":200518,	local storage date	YYMMDD
"IMEI":"1234561234561234",	IMEI No. of First Sim to be considered always for unique identity of DCU	-
"ASN_11":"34123450",	**Pump Controller Serial No.** RMS: 0 DAQ: 1-9 Pump Controller: 11-19 Meter: 21-29 Inverter: 31-39 String Combiner Box: 41-49	**-**
"POTP":"341234",	**Previous One Time Password**	**-**
"COTP":"341234",	**Current One Time Password**	**-**
"PMAXFREQ1":"50.00",	**Maximum Frequency**	**Hz**

"PFREQLSP1":"50.00",	Lower Limit Frequency	Hz
"PFREQHSP1":"50.00",	Upper Limit Frequency	Hz
"PCNTRMODE1":"1", 0 Variable Frequency Control Mode 1 CVT Mode for Solar 2 MPPT mode for Solar	Solar Pump Controller Control Mode Status	-
"PRUNST1":"2", 0 Stop 1 Running 2 Sleep 3 Low Speed Protection 4 Dry Run Protection 5 Over Current Protection 6 Minimum Power Protection	Solar Pump Controller Run Status	-
"PREFFREQ1":"50.00",	Solar Pump Controller Reference Frequency	Hz
"POPFREQ1":"50.00",	Solar Pump Controller Output Frequency	Hz
"POPI1":"20.00",	Output Current	A
"POPV1":"230.00",	Output Voltage	V
"POPKW1":"45.00",	Output Active Power	KW
"PDC1V1":"550.00",	DC Input Voltage	DC V
"PDC1I1":"50.00",	DC Current	DC I
"PDCVOC1":"650.00",	DC Open Circuit Voltage	DC V
"PDKWH1":"35.00",	Today Generated Energy	KWH
"PTOTKWH1":"120.00",	Cumulative Generated Energy	KWH
"POPFLW1":"2.00",	Flow Speed	LPM
"POPDWD1":"120.00",	Daily Water Discharge	Litres
"POPTOTWD1":"220.00",	Total Water Discharge	Litres
"PMAXDCV1":"750.00",	Max DC Voltage	DC V
"PMAXDCI1":"40.00",	Max DC Current	DC I
"PMAXKW1":"650.00",	Max Output Active Power	DC KW
"PMAXFLW1":"650.00",	Max Flow Speed	LPM
"PDHR1":"8.00",	Pump Day Run Hours	Hrs
"PTOTHR1":"8.00",	Pump Cumulative Run Hours	Hrs
}		

Reaction	
Not Applicable	

Signature :-
Subject : CN=NIKHIL BHANDARI, ST=DELHI, OID.2.5.4.17=110003, OU=SUPPLY CHAI
N MANAGEMENT, O=ENERGY EFFICIENCY SERVICES LIMITED, C=IN
User ID : nikhil.bhandari
Serial No : 13183FB

Annexure - 2 Energy Meter

Message Name : Periodic Push Meter (1)
Message Format : JSON
Message Type : Data
Message Command Flow : Not Applicable for Data periodic Push
Message response Flow : RMS -> State SWPS IoT Platform
Message Medium : GPRS

Command Message	
Not Applicable	

Response Message	
Message	**Description**
{	
"VD":2	Virtual Device Index/Group
"TIMESTAMP":"2020-05-18 17:58:00",	RTC timestamp of RMS/DCU against all parameters of vd/group
“MAXINDEX”:96	maximum index of local storage date
"INDEX":7,	reference of local storage
"LOAD":0,	Local storage retrieval command & status
"STINTERVAL":15,	Periodic interval at which RMS shall store and transmit data to server. (in minutes)
"MSGID":"",	Message Transaction Id - required for “Ondemand”/”Config” message type, request/response/acknowledgement/feedback
"DATE":200518,	local storage date

"IMEI":"1234561234561234",	IMEI No. of First Sim to be considered always for unique identity of DCU
"ASN_21":12345678,	Asset Serial Number RMS: 0 DAQ: 1-9 Pump Controller: 11-19 Meter: 21-29 Inverter: 31-39 String Combiner Box: 41-49
"MTDET1":30012302,	Meter Detail
"POTP":"34123450",	**Previous One Time Password**
"COTP":"34123450",	**Current One Time Password**
"MTBLDATE1":18,	Billing Date for meter 1
"DATE1":180606,	Present date for meter1
"TIME1":105400,	Present time for meter1
"IR1":20.58,	R Phase Current in Amps
"IY1":20.65,	Y Phase Current in Amps
"IB1":20.12,	B Phase Current in Amps
"VRN1":240.12,	R Phase to Neutral Voltage in Volts
"VYN1":242.13,	Y Phase to Neutral Voltage in Volts
"VBN1":243.55,	B Phase to Neutral Voltage in Volts
"VRY1":420.18,	Phase to Phase Voltage(R-Y) in Volts
"VYB1":419.38,	Phase to Phase Voltage(Y-B) in Volts
"VBR1": 421.5,	Phase to Phase Voltage(B-R) in Volts
"PFR1":0.98,	R Phase Power Factor
"PFY1":0.97,	Y Phase Power Factor
"PFB1":0.96,	B Phase Power Factor
"FRQ1":50.05,	Grid Frequency
"POWR1":42.578,	R Phase Active Power in KW
"POWY1":42.156,	Y Phase Active Power in KW
"POWB1":42.354,	B Phase Active Power in KW
"POW1":42.185,	Total Active Power in KW
"RPOWR1":22.123,	R Phase Reactive Power in KVAR
"RPOWY1":20.110,	Y Phase Reactive Power in KVAR
"RPOWB1":22.310,	B Phase Reactive Power in KVAR
"RPOW1":65.610,	Total Reactive Power in KVAR
"APOWR1":55.610,	R Phase Apparent Power in KVA
"APOWY1":52.910,	Y Phase Apparent Power in KVA
"APOWB1":53.911,	B Phase Apparent Power in KVA
"APOW1":14.198,	Total Apparent Power in KVA
"KWHNET1":98561.4,	Cumulative Net Energy in KWH
"KWHIMP1":98561.4,	Cumulative Import Energy in KWH
"KWHEXP1":98561.2,	Cumulative Export Energy in KWH
"KVAHNET1":99100.3,	Cumulative Net Energy in KVAH
"KVAHIMP1":99105.1,	Cumulative Import Energy in KWH
"KVAHEXP1":98999.1,	Cumulative Export Energy in KWH
"MDKWIMP1":100.3,	Rising Demand (Import) in KW
"MDKWEXP1":98.6,	Rising Demand (Export) in KW

"POFF1":1020,	Grid Power Failure in Minutes
"TC1":100,	Total Tamper Counts
"PF1":0.99,	Average PF
"LBKWHNET1":98561,	Last Billing Cycle Net Energy in KWH
"LBKWHIMP1":98561,	Last Billing Cycle Import Energy in KWH
"LBKWHEXP1":98561,	Last Billing Cycle Export Energy in KWH
"PMDKVAIMP1":22.50,	Present MD KVA Import
"PMDKVAEXP1":0.00,	Present MD KVA Import
"LBMDKWIMP1":7.07,	Last Billing MD KW Import
"LBMDKWEXP1":0.00,	Last Billing MD KW Export
"LBMDKVAIMP1":7.07,	Last Billing MD KVA Import
"LBMDKVAEXP1":0.00,	Last Billing MD KVA Export
"MDRSTC1":4	MD Reset Count
}	

Reaction	
Not Applicable	

Communication Format Annexure

Annexure – 3 Inverter

Message Name	: Inverter Periodic Push (INVERTER-1)
Message Format	: JSON
Message Type	: Data
Message Command Flow	: Not Applicable for Data periodic Push
Message response Flow	: RMS -> State SWPS IoT Platform
Message Medium	: GPRS

Command Message	
Not Applicable	

Response Message	
Message	**Description**
{	
"VD":5	Virtual Device Index/Group
"TIMESTAMP":"2020-05-18 17:58:00",	RTC timestamp of RMS/DCU against all parameters of vd/group
“MAXINDEX”:96	maximum index of local storage date
"INDEX":7,	reference of local storage
"LOAD":0,	Local storage retrieval command & status
"STINTERVAL":15,	Periodic interval at which RMS shall store and transmit data to server. (in minutes)
"MSGID":"",	Message Transaction Id - required for “Ondemand”/”Config” message type, request/response/acknowledgement/feedback
"DATE":200518,	local storage date
"IMEI":"1234561234561234",	IMEI No. of First Sim to be considered always for unique identity of DCU
"ASN_31":"34123450",	**Inverter Serial No.**

Signature -
Subject : CN=NIKHIL BHANDARI, ST=DELHI, OID.2.5.4.17=110003, OU=SUPPLY CHAI
N MANAGEMENT, O=ENERGY EFFICIENCY SERVICES LIMITED, C=IN
User ID : nikhil.bhandari
Serial No : 13183FB

	RMS: 0 DAQ: 1-9 Pump Controller: 11-19 Meter: 21-29 Inverter: 31-39 String Combiner Box: 41-49
"POTP":"34123450",	**Previous One Time Password**
"COTP":"34123450",	**Current One Time Password**
"IST1":1,	**Inverter Status**
"IFREQ1":40,	**Frequency**
"IPF1":0.8,	**Power Factor**
"IDC1V1":500,	**DC-1 Voltage**
"IDC1I1":200,	**DC-1 Current**
"IDC1KW1":200,	**DC-1 Power**
"IDC2V1":243.55,	**DC-2 Voltage**
"IDC2I1":420.18,	**DC-2 Current**
"IDC2KW1":200,	**DC-2 Power**
"IDC3V1":419.38,	**DC-3 Voltage**
"IDC3I1":421.8,	**DC-3 Current**
"IDC3KW1":200,	**DC-3 Power**
"IDC4V1":0.98,	**DC-4 Voltage**
"IDC4I1":0.97,	**DC-4 Current**
"IDC4KW1":200,	**DC-4 Power**
"IRPHV1":0.96,	**R phase voltage**
"IRPHI1":50.05,	**R phase current**
"IRPHKW1":50.05,	**R phase Active Power**
"IYPHV1":42.578,	**Y phase voltage**
"IYPHI1":42.156,	**Y phase current**
"IYPHKW1":50.05,	**Y phase Active Power**
"IBPHV1":42.354,	**B phase voltage**
"IBPHI1":42.185,	**B phase current**
"IBPHKW1":50.05,	**B phase Active Power**
"IKW1":22.123,	**Active Power**
"ITKWH1":20.110,	**Today Generated Energy**
"ITON1":22.310,	**Today On Time of Inverter**
"ILKWH1":65.610,	**Life time Generated Energy**
"ILON1":55.610,	**Life time running hours**
"ITEMP1":52.910,	**Inverter Temperature**
"IFT11":53.911,	**Fault-1**
"IFT21":14.198,	**Fault-2**
"IFT31":98561.4,	**Fault-3**
"IFT41":98561.4,	**Fault-4**
"IFT51":98561.2,	**Fault-5**
"IKVA1":99100.3,	**Apparent power**
"IKVAR1":99105.1	**Reactive power**
}	

Reaction	
Not Applicable	

Communication Format Annexure

Annexure - 4 String Combiner Box

Message Name	: Periodic Push String Combiner Box
Message Format	: JSON
Message Type	: Data
Message Command Flow	: Not Applicable for Data periodic Push
Message response Flow	: RMS -> State SWPS IoT Platform
Message Medium	: GPRS

Command Message	
Not Applicable	

Response Message	
Message	**Description**
{	
"VD":9	Virtual Device Index/Group
"TIMESTAMP":"2020-05-18 17:58:00",	RTC timestamp of RMS/DCU against all parameters of vd/group
“MAXINDEX”:96	maximum index of local storage date
"INDEX":7,	reference of local storage
"LOAD":0,	Local storage retrieval command & status
"STINTERVAL":15,	Periodic interval at which RMS shall store and transmit data to server. (in minutes)
"MSGID":"",	Message Transaction Id - required for “Ondemand”/”Config” message type, request/response/acknowledgement/feedback
"DATE":200518,	local storage date
"IMEI":"1234561234561234",	IMEI No. of First Sim to be considered always for unique identity of DCU
"ASN_41":"34123450",	**SJB Serial no** RMS: 0 DAQ: 1-9

	Pump Controller 11-19 Meter 21-29 Inverter 31-39 String Combiner Box 41-49
"POTP":"34123450",	**Previous One Time Password**
"COTP":"34123450",	**Current One Time Password**
"SI11":"3.00",	**SJB1, Channel1 Current**
"SI21":"5.00",	**SJB1, Channel2 Current**
"SI31":"5.00",	**SJB1, Channel3 Current**
"SI41":"5.00",	**SJB1, Channel4 Current**
"SI51":"5.00",	**SJB1, Channel5 Current**
"SI61":"5.00",	**SJB1, Channel6 Current**
"SI71":"5.00",	**SJB1, Channel7 Current**
"SI81":"5.00",	**SJB1, Channel8 Current**
"SI91":"5.00",	**SJB1, Channel9 Current**
"SI101":"5.00",	**SJB1, Channel10 Current**
"SI111":"5.00",	**SJB1, Channel11 Current**
"SI121":"5.00",	**SJB1, Channel12 Current**
"SI131":"5.00",	**SJB1, Channel13 Current**
"SI141":"5.00",	**SJB1, Channel14 Current**
"SI151":"5.00",	**SJB1, Channel15 Current**
"SI161":"5.00",	**SJB1, Channel16 Current**
"SI171":"5.00",	**SJB1, Channel17 Current**
"SI181":"5.00",	**SJB1, Channel18 Current**
"SI191":"5.00",	**SJB1, Channel19 Current**
"SI201":"5.00",	**SJB1, Channel20 Current**
"SI211":"5.00",	**SJB1, Channel21 Current**
"SI221":"5.00",	**SJB1, Channel22 Current**
"SI231":"5.00",	**SJB1, Channel23 Current**
"SI241":"5.00",	**SJB1, Channel24 Current**
"SDCV1":"635.00",	**SJB1, DC Voltage**
"SDCTOTI1":"40.00",	**SJB1, Total DC Current**
"SDCTOTKW1":"28.00",	**SJB1, Total DC Power**
"SDI11":"1.00",	**SJB1, Digital Input1**
"SDI21":"1.00",	**SJB1, Digital Input2**
"ST11":"1.00",	**SJB1, Temperature1**
"ST21":"1.00",	**SJB1, Temperature2**
"ST31":"1.00"	**SJB1, Temperature3**
}	

Reaction	
Not Applicable	

Annexure – 5 RMS

Message Name	: RMS
Message Format	: JSON
Message Type	: Heartbeat
Message Command Flow	: Not Applicable
Message response Flow	: RMS -> State SWPS IoT Platform
Message Medium	: GPRS

Command Message	
Not Applicable	

Response Message	
Message	**Description**
{	
"VD":0	Virtual Device Index/Group
"TIMESTAMP":"2020-05-18 17:58:00",	RTC timestamp of RMS/DCU against all parameters of vd/group
“MAXINDEX”:96	maximum index of local storage date
"INDEX":7,	reference of local storage
"LOAD":0,	Local storage retrieval command & status
"STINTERVAL":15,	Periodic interval at which RMS shall store and transmit data to server. (in minutes)
"MSGID":"",	Message Transaction Id - required for “Ondemand”/”Config” message type, request/response/acknowledgement/feedback
"DATE":200518,	local storage date
"IMEI":"1234561234561234",	IMEI No. of First Sim to be considered always for unique identity of DCU
"POTP":"341234",	**Previous One Time Password**
"COTP":"341234",	**Current One Time Password**
"GSM":1,	Device connected to GSM network
"SIM":1,	SIM detected (1 - detected)
"NET":1,	Device in Network (1 - in network)
"GPRS":"1",	GPRS connected (1 - connected)

"RSSI":22,	Signal Strength
"SD":"1",	SD card detected (1 - detected)
"ONLINE":1,	Device Online (1- Online)
“GPS”:1,	GPS Module Status (1-ON,0-OFF)
“GPSLOC”:1,	GPS Location Locked
“RF”:1,	RF Module Status (1-ON,0-OFF)
"RTCDATE":180918,	RTC Date
"RTCTIME":175800,	RTC Time
“TEMP”:45.5,	Device Temperature
“LAT”:19.06,	Latitude from gps
“LONG”:72.8777,	Longitude from gps
“SIMSLOT”:1,	Sim Slot (Current Sim Slot: 1 or 2)
“SIMCHNGCNT”:10,	Total Sim Slot Change Count
“FLASH”:1,	Device Flash Status 1: Detected 0: Error
“BATTST”:0,	Battery Input Status: 1 if on battery power else 0
“VBATT”:5.0,	Battery Voltage
“PST”:1	Power Supply (1-Mains, 2-Battery)
}	

Reaction	
Not Applicable	

Annexure – 6 DAQ System

Message Name	: Periodic Push DAQ System
Message Format	: JSON
Message Type	: Data
Message Command Flow	: Not Applicable for Data periodic Push
Message response Flow	: RMS -> State SWPS IoT Platform
Message Medium	: GPRS

Command Message	
Not Applicable	

Response Message	
Message	**Description**
{	
"VD":12	Virtual Device Index/Group
"TIMESTAMP":"2020-05-18 17:58:00",	RTC timestamp of RMS/DCU against all parameters of vd/group
“MAXINDEX”:96	maximum index of local storage date
"INDEX":7,	reference of local storage
"LOAD":0,	Local storage retrieval command & status
"STINTERVAL":15,	Periodic interval at which RMS shall store and transmit data to server. (in minutes)
"MSGID":"",	Message Transaction Id - required for “Ondemand”/”Config” message type, request/response/acknowledgement/feedback
"DATE":200518,	local storage date
"IMEI":"1234561234561234",	IMEI No. of First Sim to be considered always for unique identity of DCU
"POTP":"34123450",	**Previous One Time Password**
"COTP":"34123450",	**Current One Time Password**
“AI11”:45.5,	Analog Input – 1
“AI21”:45.5,	Analog Input – 2
“AI31”:45.5,	Analog Input – 3
“AI41”:45.5,	Analog Input – 4

“DI11”:1,	Digital Input – 1
“DI21”:0,	Digital Input – 2
“DI31”:1,	Digital Input – 3
“DI41”:0,	Digital Input – 4
“DO11”:1,	Digital Output – 1
“DO21”:1,	Digital Output – 2
“DO31”:1,	Digital Output – 3
“DO41”:1	Digital Output – 4
}	

Reaction	
Not Applicable	

Annexure - 7

Message Name	: On Demand Read/Write Parameter/Keyword
Message Format	: JSON
Message Type	: Config
Message Command Flow	: Cloud Server-> RMS
Message Response Flow	: RMS -> Cloud Server
Message Medium	: GPRS

Command Message	
Message	**Description**
{	
"timestamp":"2018-09-18 17:58:00",	
"type": "config",	
"cmd":"write",	To write config
"msgid":"130",	Server Auto Generated
"APN1": "www"	APN Value for sim1
"USR1": "string"	sim1 user name
"PASS1": "string"	sim1 password
"APN2": "Internet"	APN Value for sim2
"USR2": "string"	Sim2 user name
"PASS2": "string"	Sim2 password
"RESTART":1	To restart DCU, 1 : Execute command
"UPDATEINTERVAL":15	Enter update interval in mins.
"HEARTINTERVAL":5	Heartbeat Update Interval in mins
"URTCDATE":200622	DCU RTC Date (YYMMDD) Update
"URTCTIME":220312	DCU RTC Time (HH:MM:SS) Update - 24 hour format
"UPDATERTC":1	Update RTC, 1: Execute command, 0 : Successful execution
"GSMSYNC":1	RTC auto GSM synchronization, 1: to execute command
"DO1":1	Pump Remote ON/OFF Operation (1-ON, 0-OFF)
"AI1ZERO":1	Engineering Zero Value (4 mA dc) for AI1 E.G. 0(LPM)
"AI1SPAN":100	Engineering Span Value (20 mA dc) for AI1 E.G. 5000(LPM)
"AI2ZERO":1	Engineering Zero Value (4 mA dc) for AI2

"AI2SPAN":100	Engineering Span Value (20 mA dc) for AI2
"AI3ZERO":1	Engineering Zero Value (4 mA dc) for AI3
"AI3SPAN":100	Engineering Span Value (20 mA dc) for AI3
"AI4ZERO":1	Engineering Zero Value (4 mA dc) for AI4
"AI4SPAN":100	Engineering Span Value (20 mA dc) for AI4
"URL":"rms1.kusumiiot.co"	URL of Broker Server
"PORT":8883	Port of Broker Server
"CID":"d:860906045525646$standalonesolarpump$27"	Unique Client id of device
"USERNAME":"860906045525646$standalonesolarpump$27"	Username for device authentication
"PASSWORD":"9e0baa73"	Password for device authentication
"FTPURL": "rms1.kusumiiot.co"	URL for FTP
"FTPUSER":"866191037709301"	Username for FTP
"FTPPASS":"908552f"	Password for FTP
"FTPPORT":22	Port for FTP
"FTPDOWN":1	Download Certificates from ftp 1: To execute command, 0: Command is successfully executed
}	

Response Message	
Message	**Description**
{	
"timestamp":"2018-09-18 17:58:00",	
"type": "config",	
"cmd":"write",	To write config
"msgid":"130",	Server Auto Generated
"APN1": "www"	APN Value for sim1
"USR1": "string"	sim1 user name
"PASS1": "string"	sim1 password
"APN2": "Internet"	APN Value for sim2
"USR2": "string"	Sim2 user name
"PASS2": "string"	Sim2 password
"RESTART":1	To restart DCU, 1 : Execute command
"UPDATEINTERVAL":15	Enter update interval in mins.
"HEARTINTERVAL":5	Heartbeat Update Interval in mins

"URTCDATE":200622	DCU RTC Date (YYMMDD) Update
"URTCTIME":220312	DCU RTC Time (HH:MM:SS) Update - 24 hour format
"UPDATERTC":1	Update RTC, 1: Execute command, 0 : Successful execution
"GSMSYNC":1	RTC auto GSM synchronization, 1: to execute command
"DO1":1	Pump Remote ON/OFF Operation (1-ON, 0-OFF)
"AI1ZERO":1	Engineering Zero Value (4 mA dc) for AI1 E.G. 0(LPM)
"AI1SPAN":100	Engineering Span Value (20 mA dc) for AI1 E.G. 5000(LPM)
"AI2ZERO":1	Engineering Zero Value (4 mA dc) for AI2
"AI2SPAN":100	Engineering Span Value (20 mA dc) for AI2
"AI3ZERO":1	Engineering Zero Value (4 mA dc) for AI3
"AI3SPAN":100	Engineering Span Value (20 mA dc) for AI3
"AI4ZERO":1	Engineering Zero Value (4 mA dc) for AI4
"AI4SPAN":100	Engineering Span Value (20 mA dc) for AI4
"URL":"rms1.kusumiiot.co"	URL of Broker Server
"PORT":8883	Port of Broker Server
"CID":"d:860906045525646$standalonesolarpump$27"	Unique Client id of device
"USERNAME":"860906045525646$standalonesolarpump$27"	Username for device authentication
"PASSWORD":"9e0baa73"	Password for device authentication
"FTPURL": "rms1.kusumiiot.co"	Url for FTP
"FTPUSER":"866191037709301"	Username for FTP
"FTPPASS":"908552f"	Password for FTP
"FTPPORT":22	Port for FTP
"FTPDOWN":1	Download Certificates from ftp 1: To execute command, 0: Command is successfully executed
}	

Command Message	
Command – B. In case, if some key in command are invalid	
Message	**Description**
{	
"timestamp":"2018-09-18 17:58:00",	
"type":"config",	
"cmd":"write",	to write config
"msgid":"130,	server auto generated
"APNN1": 2	send value "2"
"USR1": "xyz"	send value "xyz"
}	

Response Message	
Message	**Description**
{	
"timestamp":"2018-09-18 17:58:00",	
"type": "config",	
"cmd":"write",	to write config
"msgid":"130",	server auto generated
"APNN1": 0	invalid Key, value will be returned '0'
"USR1": "xyz"	actual value received
}	

Reaction	
Not Applicable	

SECTION-5

1. Measurement and Verification (M&V)

NA for this tender.

SECTION-6

Forms & Procedures

ATTACHMENT – 1

BID FORM

To,

Energy Efficiency Services Limited.
(A JV of PSUs of Ministry of Power, Govt. of India)
5th & 6th Floor, CORE −III, Scope Complex, Lodhi Road, New Delhi 110003

Subject:-IFB/RfP No/Package No. …….. Due for opening on …….

Dear Sir,

With Reference to your subject IFB/RfP, we are pleased to submit our bid for "……." in a sealed cover as detailed below:

Envelope I: Bid document fee/cost of tender documents [wherever applicable], Bid Security fees/Earnest Money Deposit, Bid Form, Power of attorney, Certificate regarding acceptance of important terms and conditions, Form of acceptance of EESL fraud prevention policy.

Envelope II: Deviation statement, Techno-commercial bid, Signed copy of RfP and subsequent amendments, if any.

Envelope III: Price Bid

We confirm that we have quoted as per instructions and terms and conditions of tender documents. We have submitted all the four attachments as stated in "Instructions to Bidders"

We declare that the prices left blank in price schedule/price bid will be deemed to have been included in the prices of other items. We confirm that except as otherwise specifically provided, our bid prices include all applicable taxes including service tax, entry tax(if any) , duties , levies , charges as may be assessed on us.

We further declare that additional conditions, variations, deviations, if any, found in the proposal other than those listed in Attachment-5 save those pertaining to any rebates offered, shall not be given effect to.

We undertake, if our bid is accepted, we shall commence the work immediately upon your Letter of Intent /Letter of Award to us, to achieve completion of work within the time specified in the bidding documents.

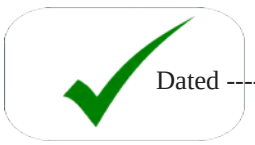
If our bid is accepted, we undertake to provide contract performance securities and securities for Deed(s) of Joint Undertaking (as applicable) in the form and amounts and within the times specified in the bidding documents.

We agree to abide by this bid for a period 180 days from the date of opening of bids as stipulated in the bidding documents and it shall remain binding upon us and may be accepted by you at any time before the expiration of that period. Further, the prices of recommended spares, if asked for; contained in our bid shall re-main valid for the entire project period after placement of LoI/LoA.

Until a formal contract is prepared and executed between us, this bid, together with your written acceptance thereof in the form of your Letter of Intent/ Letter of Award shall constitute a binding contract between us.

We understand that you are not bound to accept the lowest or any other bid you may receive.

We, hereby, declare that only the persons or firms interested in this proposal as principals are named here and that no other persons or firms other than those mentioned herein have any interest in this proposal or in the contract to be entered into, if the award is made on us, that this proposal is made without any connection with any other person, firm or party likewise submitting a proposal, is in all respects for and in good faith, without collusion or fraud.



Signature :-
Subject : CN=NIKHIL BHANDARI, ST=DELHI, OID.2.5.4.17=110003, OU=SUPPLY CHAI
N MANAGEMENT, O=ENERGY EFFICIENCY SERVICES LIMITED, C=IN
User ID : nikhil.bhandari
Serial No : 13183FB

Dated --------

NAME/S &AUTHORISED SIGNATORIES

ADDRESS :

MOBILE NO. :

LAND LINE NO. :

Our correspondence details are:

1	Name of the bidder	
2	Address of the bidder	
3	Name of the contact person to whom all references shall be made regarding this tender	
4	Designation of the person to whom all references shall be made regarding this tender	
5	Address of the person to whom all references shall be made regarding this tender	
6	Telephone (with STD code)	
7	E-Mail of the contact person	
8	Fax No. (with STD code)	
9	GST No. of the bidder	

Signature :-
Subject : CN=NIKHIL BHANDARI, ST=DELHI, OID.2.5.4.17=110003, OU=SUPPLY CHAIN MANAGEMENT, O=ENERGY EFFICIENCY SERVICES LIMITED, C=IN
User ID : nikhil.bhandari
Serial No : 13183FB

ATTACHMENT – 2

[Duly Notarised on Rs. 100/- Stamp Paper]

Bid Security Declaration

In reference to EESL Tender For "_____[Subject of Tender]_____" published vide NIT/Bid Document No : _____ dated: _____, I, on behalf of _____[Name of the bidder]_____ hereinafter referred to as "Bidder",

(a) understand that, according to tender conditions, bids must be supported by a Bid Security Declaration.

(b) hereby submit a declaration that the bid submitted by the undersigned, on behalf of the Bidder, either sole or in JV or Company, shall not be withdrawn or modified during the period of bid validity as mentioned in the tender document.

I, on behalf of the Bidder, _____[Name of the bidder]_____, also accept the fact that in case the bid is withdrawn or modified during the period of its validity or if _____[Name of the bidder]_____ fail to sign the contract in case the work is awarded to us or fail to submit a performance security before the deadline defined in the tender document/letter of award, then _____[Name of the bidder]_____ shall be suspended for participating in the tendering process of EESL, for a period of one (01) year from bid due date of above referred tender.

I, on behalf of the Bidder, _____[Name of the bidder]_____, also understand that this Bid Securing Declaration shall cease to be valid if I am/we are not the successful Bidder, upon the earlier of

(a) the receipt of your notification of the name of the successful Bidder; or

(b) thirty days after the expiration of the validity of my/our Bid

Signed: (insert signature of person whose name and capacity are shown)

in the capacity of: (insert legal capacity of person signing the Bid Securing Declaration)

Name: (insert complete name of person signing he Bid Securing Declaration)

Duly authorized to sign the bid for an on behalf of _____[Name of the bidder]_____

Dated on _____ day of _____, 2020 (insert date of signing)

Corporate Seal (where appropriate)

(Note: In case of a Joint Venture/Consortium, the Bid Security Declaration must be in the name of all partners to the Joint Venture/Consortium that submits the bid)

Signature :-
Subject : CN=NIKHIL BHANDARI, ST=DELHI, OID.2.5.4.17=110003, OU=SUPPLY CHAI
N MANAGEMENT, O=ENERGY EFFICIENCY SERVICES LIMITED, C=IN
User ID : nikhil.bhandari
Serial No : 13183FB

ATTACHMENT - 3

Tender Document No/Package No: Dated:

Package Details……..

POWER OF ATTORNEY

BIDDER TO ATTACH THE POWER OF ATTORNEY IN THEIR OWN FORMAT

Signature :-
Subject : CN=NIKHIL BHANDARI, ST=DELHI, OID.2.5.4.17=110003, OU=SUPPLY CHAIN MANAGEMENT, O=ENERGY EFFICIENCY SERVICES LIMITED, C=IN
User ID : nikhil.bhandari
Serial No : 13183FB

ATTACHMENT - 4

Tender Document No/Package No: Dated:

(CERTIFICATE REGARDING ACCEPTANCE OF IMPORTANT CONDITIONS)

Bidder's Name& Address

To
CGM (SCM),
Energy Efficiency Services Limited,
(A JV of PSUs of Ministry of Power, Govt. of India)
Core-5, 4th Floor,
SCOPE Complex,
Lodhi Road, New Delhi-110003

Sub: ……

1.0 With reference to our bid proposal no……dated……**for ……./ Package no. ……. Dated ……..**, we hereby confirm that we have read the following provisions of the following clauses and further confirm that notwithstanding anything stated elsewhere to the contrary, the stipulation of these clauses are acceptable to us and we have not taken any deviation to these clauses.

Governing Laws	-	Clause 7 of ITB
Settlement of Disputes	-	Clause 17 of ITB
Terms of payment	-	Clause 1.0 of SCC
Performance Security	-	Clause 5.9 of ITB
Taxes and Duties	-	Clause 8 of ITB
Completion Time Guarantee	-	Clause 9 of ITB
Defects Liability	-	Clause 10 of ITB
Functional Guarantee	-	Clause 11 of ITB
Patent Indemnity	-	Clause 2.25 of ITB
Limitations of Liability	-	Clause 2.27 of ITB
Project information, Estimation, and conditions for Evaluation	-	As per Tables in price bid Assumptions

We further confirm that any deviation to the above clauses found anywhere in our bid proposal, implicit or explicit, shall stand unconditionally withdrawn, without any implication to EESL.

Date: Signature:

Place: Printed Name:

Designation:

Common Seal

Note: In the absence of this certificate, the bid shall be rejected and shall be returned unopened. Bidder can take a print out of it and sign.

Signature :-
Subject : CN=NIKHIL BHANDARI, ST=DELHI, OID.2.5.4.17=110003, OU=SUPPLY CHAIN MANAGEMENT, O=ENERGY EFFICIENCY SERVICES LIMITED, C=IN
User ID : nikhil.bhandari
Serial No : 13183FB

ATTACHMENT - 5

NAME OF WORK:……

BIDDING DOCUMENT NO……..

(Deviations Statement)

Bidder's Name and Address:

To,
CGM (SCM),
Energy Efficiency Services Limited,
Core-5, 4th Floor,
SCOPE Complex,
Lodhi Road, New Delhi-110003

Dear Sir,

The following are the deviations and variations from and exceptions to the terms, conditions and specification of the bidding documents for IFB/RfP No._____. These deviations and variations are exhaustive. We are furnishing below the cost of withdrawal for the deviations and variations stated in this Attachment. We shall withdraw the deviations proposed by us in this Attachment at the cost of withdrawal indicated herein, failing which our bid may be rejected and bid security may be forfeited. We confirm that except for these deviations and variations, the entire work shall be performed as per your specifications and conditions of bidding documents. Further, we agree that additional conditions, variations, deviations if any, found in the proposal documents other than those stated in this Attachment, save those pertaining to any rebates offered, shall not be given effect to:

Section/ Part/ Chapter	Clause No.	Page No.	Statement of Deviations/ Variations	Cost of withdrawal

---

A. COMMERCIAL DEVIATIONS :

B. TECHNICAL DEVIATIONS :

Date :

Place :

(Signature).....

(Printed Name)……..

(Designation).....

(Common Seal) .....

Note: Continuations sheets of like size and format may be used as per Bidder's requirement.

Signature :-
Subject : CN=NIKHIL BHANDARI, ST=DELHI, OID.2.5.4.17=110003, OU=SUPPLY CHAI N MANAGEMENT, O=ENERGY EFFICIENCY SERVICES LIMITED, C=IN
User ID : nikhil.bhandari
Serial No : 13183FB

ATTACHMENT - 6

(On Non – Judicial Stamp Paper of appropriate value and purchased in the name of executing Bank)

PROFORMA OF BANK GUARANTEE FOR CONTRACT PERFORMANCE

Ref.: .....
Bank Guarantee No….....
Date.....

To,
To,
CGM (SCM),
Energy Efficiency Services Limited,
Core-5, 4th Floor,
SCOPE Complex,
Lodhi Road, New Delhi-110003

In consideration of the EESL, (hereinafter referred to as the 'Owner,' which expression shall unless repugnant to the context or meaning thereof include its successors, administrators and assigns) having awarded to M/s…….....with its Registered / Head Office at …….(hereinafter referred to as the 'Contractor', which expression shall unless repugnant to the context or meaning thereof, include its successors, administrators and assigns), a Contract by issue of Owner's Letter of Award No…….dated …….and the same having been unequivocally accepted by the Contractor and the contractor (Scope of Contract) having agreed to provide a Contract Performance Guarantee for the faithful performance of the entire Contract equivalent to * …… % (percent) of the said value of the Contract to the Owner.

We ……(Name & address) having its Head Office at ……(hereinafter referred to as the 'Bank', which expression shall, unless repugnant to the context or meaning thereof, include its successors administrators, executors and assigns) do hereby guarantee and undertake to pay the Owner, on demand any all money payable by the Contractor to the extent of ……as aforesaid at any time up to ……(days/months/year) without any demur, reservation, contest, recourse or protest and / or without any reference to the Contractor. Any such demand made by the Owner on the Bank shall be conclusive and binding notwithstanding any difference between the Owner and the Contractor or any dispute pending before any court, tribunal, Arbitrator or any other authority. The Bank undertakes not to revoke this guarantee during its currency without previous consent of the Owner and further agrees that the guarantee herein contained shall continue to be enforceable till the owner discharges this guarantee.

The owner shall have the fullest liberty without affecting in any way the liability of the Bank under this guarantee from time to time to extent the time for performance of the Contract by the Contractor. The owner shall have the fullest liberty, without affecting this guarantee, to postpone from time to time the exercise of any powers vested in them or of any right which they to enforce or to forbear to enforce any covenants, contained or implied, in the Contract between the owner and Contractor or any other course of or remedy or security available to the owner. The Bank shall not be released of its obligations under these presents by any exercise by the owner of its liberty with reference to the matters aforesaid on any of other indulgence shown by the owner or by any other matter or thing whatsoever which under law would, but for this provision, have the effect of relieving the Bank.

The Bank also agree that the Owner at its option shall be entitled to enforce this Guarantee against the Bank as a Principal debtor, in the first instance without proceeding against the Contractor and not withstanding any security or other guarantee that the owner may have in relation to the Contractor's liabilities.

Notwithstanding anything contained herein above our liability under this guarantee is restricted to……..and it shall remain in force up to and including**…….....and shall be extended from time to time for such period (not exceeding one year), as may be desired by M/s……on whose behalf this guarantee has been given.

Witness

Dated this ……day of……..at……

Signature not verified
Subject : CN=NIKHIL BHANDARI, ST=DELHI, OID.2.5.4.17=110003, OU=SUPPLY CHAI N MANAGEMENT, O=ENERGY EFFICIENCY SERVICES LIMITED, C=IN
User ID : nikhil.bhandari
Serial No : 13183FB

Witness
…….

Signature
……
Name

……
Official Address
……

Signature
……
Bank's Rubber Stamp

Name

Designation with Bank Stamp

Attorney as per power of Attorney No……dated……

Note: ** Validity of Bank Guarantee should be 90 days in excess of the period for which it is required.

BANK GUARANTEE CHECK LIST

1	Bank Guarantee No.	
2	Issuing Bank	
4	Nature of BG & No. of Pages	
5	Validity of BG	
6	Package Description	
7	Party & Contracts ref.	Name, Address, Tel, Fax, E—mail
8	Bank Reference	

CHECK LIST

S.No.	Details of Checks	YES / NO
a)	Is the BG on non-judicial Stamp Paper of appropriate value, as per Stamp Act ?	
b)	Whether date, purpose of purchase of stamp paper and name of the purchaser are indicated on the back of Stamp paper under the Signature of Stamp vendor? (The date of purchase of stamp paper should be not later than the date of execution of BG and the stamp paper should be purchased either in the name of the executing Bank or the party on whose behalf the BG has been issued. Also the Stamp Paper should not be older than six months from the date of execution of BG)	
c)	In case the BG has been executed on Letter Head of the Bank, whether adhesive Stamp of appropriate value has been affixed thereon?	
d)	Has the executing Officer of BG indicated the name, designation and Power of Attorney No./ Signing Power no. etc., on the BG?	
e)	Is each page of BG duly signed / initiated by executants and whether stamp of Bank is affixed thereon? Whether the last page is signed with full particulars including two witnesses under seal of Bank as required in the prescribed proforma?	
f)	Does the Bank Guarantees compare verbatim with the Proforma prescribed in the Bid Documents?	
g)	In case of any changes in contents of text, whether changes are of minor / clerical nature (which in no way limits the right of EESL in any manner)?	
h)	Incase of deviations in text of BG, which materially affect the right of EESL, whether the changes have been agreed based on the opinion by Legal Department or BG I considered acceptable on the basis of opinion of law Department already available on the similar issue.	
i)	Are the factual details such as Bid Document No.NOA/LOA / Contact No., Contract Price, Percentage of Advance, Amount of BG and Validity of BG correctly mentioned in the BG?	
j)	Whether overwriting / cutting if any on the BG have been properly authenticated under signature and seal of executant?	
k)	Whether the BG has been issued by a Bank in line with the provisions of Bid /Contract documents?	
l)	In case BG has been issued by a Bank other than those specified of Bid / Contract Documents, is the BG confirmed by a Bank in India acceptable as per Bid / Contract documents?	

LIST OF BANKS ACCEPTABLE FOR SUBMISSION OF BANK GUARANTEES FOR ADVANCE PAYMENTS, PERFORMANCE SECURITIES AND SECURITIES FOR DEED OF JOINT UNDERTAKING

SCHEDULED COMMERCIAL BANKS

- **SBI and Associates**

Sl.No.	Name of Banks	Sl. No.	Name of Banks
1.	State Bank of India	5.	State Bank of Mysore
2.	State Bank of Bikaner and Jaipur	6.	State Bank of Patiala
3.	State Bank of Hyderabad	7.	State Bank of Saurashtra
4.	State Bank of Indore	8.	State Bank of Travancore

- **Nationalised Banks**

Sl.No.	Name of Banks	Sl. No.	Name of Banks
9.	Allahabad Bank	18.	Indian Overseas Bank
10.	Bank of India	19.	Oriental Bank of Commerce
11.	Bank of Maharashtra	20.	Punjab National Bank
12.	Canara Bank	21.	Punjab & Sind Bank
13.	Central Bank of India	22.	Syndicate Bank
14.	Corporation Bank	23.	Union Bank of India
15.	Dena Bank	24.	United Bank of India
16.	Indian Bank	25.	UCO Bank
17.	Vijaya Bank	26.	Bank of Baroda

C. Foreign Banks

Sl.No.	Name of Banks	Sl. No.	Name of Banks
27.	Bank of America NA	34.	Standard Chartered Bank
28.	The Bank of Tokyo-Mitsubishi UFJ Limited.	35.	SocieteGenerale
29.	BNP Paribas	36.	Barclays Bank
30.	Calyon Bank	37.	ABN Amro Bank N. V.
31.	Citi Bank N.A.	38.	Bank of Nova Scotia
32.	Deutsche Bank A. G.	39.	Development Bank of Singapore
33.	The Hong Kong and Shanghai Banking Corporation Ltd.		

D. SCHEDULED PRIVATE BANKS

Sl.No.	Name of Banks	Sl. No.	Name of Banks
40.	ING Vysya Bank Ltd.	43.	UTI Bank Ltd.
41.	ICICI Bank Ltd.	44.	YES Bank
42.	HDFC Bank Ltd.		

E. Other Public Sector Banks

Sl.No.	Name of Banks	Sl. No.	Name of Banks
45.	IDBI Ltd.		

ATTACHMENT - 7

FORM OF ACCEPTANCE OF FRAUD PREVENTION POLICY
(On the letter head)

Bidder's name & Address:

To,
CGM (SCM),
Energy Efficiency Services Limited,
Core-5, 4th Floor,
SCOPE Complex,
Lodhi Road, New Delhi-110003

Sub: Letter of Acceptance of EESL Fraud Policy
Ref: NIT/RFP No.

Dear Sir/Madam,

We have read the contents of the Fraud Prevention Policy of EESL and undertake that we along with our associate / collaborator /sub contractors / sub-vendors / bidders/ service providers shall strictly abide by the provisions of the Fraud Prevention Policy of EESL.

Thanking You,

Yours faithfully,

Signature …….....

Printed Name …….

Designation……..

Common Seal…….....

Date:
Place:

FOR DETAILED POLICY, PLEASE VISIT OUR WEBSITE www.eeslindia.org

Signature :-
Subject : CN=NIKHIL BHANDARI, ST=DELHI, OID.2.5.4.17=110003, OU=SUPPLY CHAI N MANAGEMENT, O=ENERGY EFFICIENCY SERVICES LIMITED, C=IN
User ID : nikhil.bhandari
Serial No : 13183FB

ATTACHMENT - 8

PROFORMA OF BANK GUARANTEE FOR ADVANCE PAYMENT

(To be stamped in accordance with Stamp Act If any, of the Country of the issuing Bank)

To,
CGM (SCM),
Energy Efficiency Services Limited,
Core-5, 4th Floor,
SCOPE Complex,
Lodhi Road, New Delhi-110003

Dear Sir,

In consideration of ……. (Employer's Name)…. (here in after referred to as the 'Employer', which expression shall, unless repugnant to the context of meaning thereof include its successors, administrators and assigns) having awarded to M/s…….(Contractor's Name)…..with its Registered /Head Office at……(hereinafter referred to as the 'Contractor' which expression in shall unless repugnant to the context or meaning thereof , include its successors, administrators, executors and assigns), a Contract, by issue of Employer's Letter of Award No…….dated……and the same having been unequivocally accepted by the Contractor, resulting into a Contract bearing No……..dated……..valued at ……..for…… ……(Name of Contract)…….(hereinafter called the 'Contact') and the Employer having agreed to make an advance ('said Advance') to the Contractor amounting to …… (in words and figures)……in terms of the said Contract for performance of the above Contract against Bank Guarantee to be furnished by the Contractor.

We……..(Name and address of the Bank)……having its Head Office at …… (hereinafter referred to as the 'Bank', which expression shall, unless repugnant to the context or meaning thereof, include its successors, administrators, executors and assigns) do hereby guarantee and undertake to pay the Employer, immediately on demand any or, all monies payable by the Contractor to the extent of ……..(advance amount)……as aforesaid at any time up to……(#)……..without any demur, reservation, contest, recourse or protest and/ or without any reference to the Contractor. Any such demand made by the Employer on the Bank shall be conclusive and binding as to the amount claimed by the Employer under this guarantee not withstanding any difference between the Employer and the contractor or any dispute pending before any Court, Tribunal, Arbitrator or any other authority. The Bank undertakes not to revoke this guarantee during its currency without previous consent of the employer and further agrees that the guarantee herein contained shall be enforceable till ninety (90) days after expiry of its validity.

The Employer shall have the fullest liberty without affecting in any way the liability of the Bank under this guarantee, from time to time to vary the advance or to extend the time for performance of the Contract by the Contractor. The Employer shall have the fullest liberty without affecting this guarantee, to postpone from time to time the exercise of any powers vested in them or of any right which they might have against the Contractor, and to exercise the same at any time in any manner, in the Contract between the Employer and the contractor or any other course or remedy or security available to the Employer. The Bank shall not be released of its obligations under these presents by any exercise by the Employer of its liberty with reference to the matters aforesaid or any of them or by reason of any other act or forbearance or other acts of omission or commission on the part of the Employer or any other indulgence shown by the Employer or by any other matter or thing whatsoever which under law would but for this provision, have the effect of relieving the Bank.

The Bank also agrees that the Employer at its option shall be entitled to enforce this Guarantee against the Bank as a principal debtor, in the first instance without proceeding against the Contractor and notwithstanding any security or other guarantee that the Employer may have in relation to the Contractor's liabilities.

Notwithstanding anything contained hereinabove our liability under this guarantee is limited to …….(advance amount)…….. and it shall remain in force up to and including……..(#) …… and shall be extended from time to time for such period (not exceeding one year). As may be desired by M/s……(Contractor's Name)……on whose behalf this guarantee has been given.

Dated this ……day of ……..20……..at…….

WITNESS:

(Name)……

(Signature)…….

(Name)……

(Signature)

(Designation with Bank Stamp)

Attorney as per Power Of Attorney No……

Dated……

Notes:

1. (#) this date shall be ninety (90) days beyond the date of Completion of the Facilities.
2. The stamp papers of appropriate value shall be purchased in the name of guarantee issuing Bank.

NOTE:

Complete mailing address of the Head Office of the Bank to be given.

The bank guarantee validity date shall be forty five (45) days after the last date for which the bid is valid.

The Stamp Paper of appropriate value shall be purchased in the name of guarantee issuing Bank.

The Bank Guarantee shall be issued on a stamp paper of value as applicable in the State of the issuing bank in India or the State of Delhi in India or the State of India from where the BG shall be operated, whichever is higher.

While getting the Bank Guarantee issued, Bidders are required to ensure compliance to the Bank Guarantee Verification Check List.

Signature :-
Subject : CN=NIKHIL BHANDARI, ST=DELHI, OID.2.5.4.17=110003, OU=SUPPLY CHAIN MANAGEMENT, O=ENERGY EFFICIENCY SERVICES LIMITED, C=IN
User ID : nikhil.bhandari
Serial No : 13183FB

ATTACHMENT - 9

PROFORMA OF LETTER OF UNDERTAKING

(TO BE FURNISHED ON NON-JUDICIAL STAMP PAPER OF APPROPRIATE VALUE)

[To be executed by the Holding Company Supported by Board Resolution and submitted by the Bidder along with the Bid, in case financial support is being extended by the Holding Company to the Bidder for meeting the stipulated Financial Qualifying]

Ref. : NIT/Bid Document No.:

Our Reference No .....Date : .....

Bidder's Name and Address :

To,
CGM (SCM),
Energy Efficiency Services Limited,
Core-5, 4th Floor,
SCOPE Complex,
Lodhi Road, New Delhi-110003

Dear Sir,

1.0 We, M/s..... (Name of the Holding Company) declare that we are the holding company of M/s..... (Name of the Bidder) and have controlling interest therein.

M/s..... (Name of the Bidder) proposes to submit the bid for the package ..... (Name of the package) for ..... (Name of the Project) under bid reference no..... dated ..... and have sought financial strength and support from us for meeting the stipulated Financial Qualifying Requirement as per Clause Section 3 and its subsequent amendment.

2.0 We hereby undertake that we hereby pledge our unconditional & irrevocable financial support for the execution of the said package to M/s..... (Name of the Bidder), for the execution of the Contract, in case they are awarded the Contract for the said package at the end of the bidding process. We further agree that this undertaking shall be without prejudice to the various liabilities that M/s..... (Name of Bidder) would be required to undertake in terms of the Contract including the Performance Security as well as other obligations of M/s.....(Name of the Bidder).

3.0 This undertaking is irrevocable and unconditional, and shall remain in force till the successful execution and performance of the entire contract and/or till it is discharged by EESL.

4.0 We are herewith enclosing a copy of the Board Resolution in support of this undertaking.

Signature ...
Subject : CN=NIKHIL BHANDARI, ST=DELHI, OID.2.5.4.17=110003, OU=SUPPLY CHAI
N MANAGEMENT, O=ENERGY EFFICIENCY SERVICES LIMITED, C=IN
User ID : nikhil.bhandari
Serial No : 13183FB

Witness:

Yours faithfully,

(1) .....

(Signature of Authorized Signatory)

on behalf of the Holding Company

(2) .....

Name &Designation .....

Name of the Holding Company .....

(Seal of Holding Company)

Signature :-
Subject : CN=NIKHIL BHANDARI, ST=DELHI, OID.2.5.4.17=110003, OU=SUPPLY CHAIN MANAGEMENT, O=ENERGY EFFICIENCY SERVICES LIMITED, C=IN
User ID : nikhil.bhandari
Serial No : 13183FB

ATTACHMENT –10

REAL TIME GROSS SETTELMENT (RTGS)/ NATIONAL ELECTRONIC FUND TRANASFER (NEFT)

From: M/s_____

_ _____

_____

_____

Sub: RTGS/NEFT Payments

We are agree to accept admissible payments through electronic mode viz RTGS/NEFT. For this, we are providing the requisite information herein below. The RTGS/NEFT charges for the above facility may be deducted/Recovered from our admissible payment.

Name Of City	
Bank Code No.	
Branch Code No.	
Bank's Name	
Branch Address	
Branch Telephone/ Fax No.	
Supplier Account No.	
Type of Account	
IFSC Code for NEFT	
IFSC Code for RTGS	
Supplier's name as per Account	
Telephone No. of Supplier	
Supplier's E-mail ID	
GST No. of the supplier	

A cancelled cheque against above bank account number is also being enclosed.

Encl: As above:-

Confirmed by Banker
With Seal

Signature of supplier
With stamp & Address

Signature :-
Subject : CN=NIKHIL BHANDARI, ST=DELHI, OID.2.5.4.17=110003, OU=SUPPLY CHAIN MANAGEMENT, O=ENERGY EFFICIENCY SERVICES LIMITED, C=IN
User ID : nikhil.bhandari
Serial No : 13183FB

Attachment-11

(Declaration for Clusters Quoted by the Bidder)

Ref. NIT/Bid Document No.: _____.

{Description: _____}

To,
CGM (SCM),
Energy Efficiency Services Limited,
Core-5, 4th Floor,
SCOPE Complex,
Lodhi Road, New Delhi-110003

Sub.: **Declaration for the Clusters Quoted by bidder in the Tendered Delivery Period**

Ref. above Tender, I/we (on behalf of M/s……) hereby admit that I/we, have quoted for the following Clusters in the above-referred Tender.

Work Package	Cluster No.	Participated (Yes/No)
Design, Manufacture, Supply, Transport, Installation, Testing and Commissioning of Off Grid Solar Photovoltaic Water Pumping Systems of 1-10 HP in selected States on PAN India basis, including complete system warranty and its repair and maintenance for 5 Years under MNRE off-grid and decentralized solar PV applications scheme on behalf of State Nodal Agencies (SNAs).	Cluster-1	
	Cluster-2	
	Cluster-3	
	Cluster-4	
	Cluster-5	
	Cluster-6	
	Cluster-7	
	Cluster-8	
	Cluster-9	
	Cluster-10	
	Cluster-11	
	Cluster-12	
	Cluster-13	
	Cluster-14	
	Cluster-15	
	Cluster-16	

Signature :-
Subject : CN=NIKHIL BHANDARI, ST=DELHI, OID.2.5.4.17=110003, OU=SUPPLY CHAIN MANAGEMENT, O=ENERGY EFFICIENCY SERVICES LIMITED, C=IN
User ID : nikhil.bhandari
Serial No : 13183FB

ATTACHMENT –12

(Declaration for Clusters Quoted by the Bidder)

Ref. NIT/Bid Document No.:_____.

{Description: _____}

To,
CGM (SCM),
Energy Efficiency Services Limited,
Core-5, 4th Floor,
SCOPE Complex,
Lodhi Road, New Delhi-110003

Sub.: **Declaration for the Clusters Quoted by bidder in the Tendered Delivery Period**

Ref. above Tender, I/we (on behalf of M/s……) hereby admit that I/we, have quoted for the following Clusters in the above-referred Tender.

Work Package	**Cluster No.**	**Participated (Yes/No) + Please mention system Capacity (1-10HP)**					
		Submersible Water Filled Pump		**Submersible Oil Filled Pump**		**Surface Pump**	
		With USPC	W/o USPC	With USPC	W/o USPC	With USPC	W/o USPC
Design, Manufacture, Supply, Transport, Installation, Testing and Commissioning of Off Grid Solar Photovoltaic Water Pumping Systems of 1-10 HP in selected States on PAN India basis, including complete system warranty and its repair and maintenance for 5 Years under MNRE off-grid and decentralized solar PV applications scheme on behalf of State Nodal Agencies (SNAs).	Cluster 1						
	Cluster 2						
	Cluster 3						
	Cluster 4						
	Cluster 5						
	Cluster 6						
	Cluster 7						
	Cluster 8						
	Cluster 9						
	Cluster 10						
	Cluster-11						
	Cluster-12						
	Cluster-13						
	Cluster-14						
	Cluster-15						
	Cluster-16						

Name of Authorized Signatory
Signature of bidder
With stamp & Address *bidder has to mandatorily submit the declaration as above. The bid shall be evaluated on the basis of this declaration. Providing false information may lead to technically non-responsiveness of the bid.)

ATTACHMENT – 13

To be filled and uploaded ONLY with Price Bid

Ref. NIT/Bid Document No.:_____.

{Description:_____ }

To,

To,
CGM (SCM),
Energy Efficiency Services Limited,
(A JV of PSUs of Ministry of Power, Govt. of India)
Core-5, 4th Floor,
SCOPE Complex,
Lodhi Road, New Delhi-110003

Sub.: **Declaration for the prices quoted by Bidder in the AMC period of 6-10 years.**

Cluster no.	**Prices in INR (per HP) Exclusive of GST (Please put up prices for the Clusters you wish to quote for as per Attachment 12. Insert Not Applicable" for clusters you are not quoting for)**					
	Submersible Water Filled Pump		**Submersible Oil Filled Pump**		**Surface Pump**	
	With USPC	W/o USPC	With USPC	W/o USPC	With USPC	W/o USPC
Cluster 1						
Cluster 2						
Cluster 3						
Cluster 4						
Cluster 5						
Cluster 6						
Cluster 7						
Cluster 8						
Cluster 9						
Cluster 10						
Cluster-11						
Cluster-12						
Cluster-13						
Cluster-14						
Cluster-15						
Cluster-16						

Name of Authorized Signatory
Signature of bidder
With stamp & Address
*Payment will be done on annual basis.

ATTACHMENT –14

Ref. NIT/Bid Document No.:_____.

DECLARATION FOR THE LOCAL CONTENT

From:
M/s_____
_____
_____
_____

Sub: Declaration for the local content

We declare that we will be using indigenously manufactured solar panels with indigenous solar cells and modules. Further, we are agreeing to accept and follow Guidelines for the implementation of PM-KUSUM scheme issued by MNRE on 22-07-2019 and its subsequent amendment(s).

List of imported components used in the manufacturing of solar water pumping system:

S.No.	**Item Imported**

Name of Authorized Signatory

Signature of supplier
With stamp

Signature :-
Subject : CN=NIKHIL BHANDARI, ST=DELHI, OID.2.5.4.17=110003, OU=SUPPLY CHAIN MANAGEMENT, O=ENERGY EFFICIENCY SERVICES LIMITED, C=IN
User ID : nikhil.bhandari
Serial No : 13183FB

ATTACHMENT –15

Ref. NIT/Bid Document No.:_____.

DECLARATION FOR USING SAME MAKE OF EQUIPMENTS AS PER THE TEST CERTIFICATE

From:
M/s_____
_____
_____
_____

Sub: Declaration for using same make of equipment's as per the test certificate

We are agreeing to accept that the same make of solar panels, pumps, VFD/inverter/controller for which the test report is to be submitted to the Implementing agency, as per MNRE solar pump testing procedure 2019, will be supplied by us.

Incase if some different make of solar panels, pumps, VFD/inverter/controller will be supplied during the implementation or AMC period, we will submit the test report for that particular make component(s).We also agree that such test reports shall be issued by the National Institute of Solar Energy and any other lab accredited by NABL for testing of solar PV water pumping system as per MNRE specifications and testing procedure.

Name of Authorized Signatory

Signature of supplier
With stamp

Signature :-
Subject : CN=NIKHIL BHANDARI, ST=DELHI, OID.2.5.4.17=110003, OU=SUPPLY CHAIN MANAGEMENT, O=ENERGY EFFICIENCY SERVICES LIMITED, C=IN
User ID : nikhil.bhandari
Serial No : 13183FB

Attachment -16

Declaration regarding "Restrictions on procurement from a Bidder of a country which shares a land border with India"

(To be submitted on Applicant's Letter Head)

To
CGM (SCM),
Energy Efficiency Services Limited,
(A JV of PSUs of Ministry of Power, Govt. of India)
Core-5, 4th Floor,
SCOPE Complex,
Lodhi Road, New Delhi-110003

Dear Sir,

In reference to bid submitted by M/s _____ against EESL's Tender NIT/Bid Document Number : _____, I/We have read the Order No: F.No 6/18/2019-PPD dated: 23-July-2020 from Department of Expenditure, Ministry of Finance regarding restrictions on procurement from a bidder of a country which shares a land border with India and on sub-contracting to contractors from such countries.

I/We certify that we/our Collaborator/JV Partner/Consortium member/Assignee are/is not from such a country or, if from such a country, have/has been registered with the Competent Authority and we will not sub-contract any work to a contractor from such countries unless such contractor is registered with the Competent Authority.

We hereby certify that we fulfil all requirements in this regard and are eligible to be considered.

We further confirm that evidence of valid registration by the Competent Authority for us/our Collaborator/JV Partner/Consortium member/Assignee, as applicable, is enclosed as Annexure…

***Bidder to strike-off, if not applicable.**

_____

Date : _____ Seal of Organization & Signature

Place : _____ of Authorized Applicant.

Signature :-
Subject : CN=NIKHIL BHANDARI, ST=DELHI, OID.2.5.4.17=110003, OU=SUPPLY CHAIN MANAGEMENT, O=ENERGY EFFICIENCY SERVICES LIMITED, C=IN
User ID : nikhil.bhandari
Serial No : 13183FB

Attachment-17

Ref. NIT/Bid Document No.: _____

DECLARATION FOR SUBMITTING THE TEST CERTIFICATE AS PER MNRE TECHNICAL SPECIFICATIONS FOR SOLAR WATER PUMPSETS ISSUED IN 2019

From:
M/s_____
_____
_____
_____

Sub: Declaration for the test certificate as per MNRE technical specifications for solar water pump sets issued in 2019

We are agreeing to accept that the test certificates are to be submitted to the Implementing Agency, reports as per MNRE technical specifications and testing procedures issued in 2019, will be submitted by us within 30 days of issuance of Letter of Empanelment by Implementing Agency. In failure of which our empanelment will stand cancelled, without any prior intimation.

These certificates shall be submitted either in original form or attested copy by the issuing test lab.

Name of Authorized Signatory

Signature of supplier
With stamp

Signature :-
Subject : CN=NIKHIL BHANDARI, ST=DELHI, OID.2.5.4.17=110003, OU=SUPPLY CHAIN MANAGEMENT, O=ENERGY EFFICIENCY SERVICES LIMITED, C=IN
User ID : nikhil.bhandari
Serial No : 13183FB

Attachment-18

Ref. NIT/Bid Document No.:_____.

DECLARATION

To
CGM (SCM),
Energy Efficiency Services Limited,
(A JV of PSUs of Ministry of Power, Govt. of India)
Core-5, 4th Floor,
SCOPE Complex,
Lodhi Road, New Delhi-110003

Sub: Declaration for not being blacklisted

Dear Sir,

We, M/s _____ submitting our offer against EESL's Tender NIT/Bid Document Number : _____, undertake that we/our Collaborator/JV Partner are/is not blacklisted or debarred by Central/State/UT Government or any Public sector entities.

_____

Date : _____ Seal of Organization & Signature

Place : _____ of Authorized Applicant.

Signature :-
Subject : CN=NIKHIL BHANDARI, ST=DELHI, OID.2.5.4.17=110003, OU=SUPPLY CHAIN MANAGEMENT, O=ENERGY EFFICIENCY SERVICES LIMITED, C=IN
User ID : nikhil.bhandari
Serial No : 13183FB

Attachment-19

(Declaration by the successful bidder to be submitted along with CPG)

Ref. NIT/Bid Document No.:_____.

{Description: _____}

To
State Implementing Agency

Sub.: **Declaration to submit 10% CPG in case of non-performance or failure in fulfilment of contractual obligation under the contract**

Ref. above Tender, I/we (on behalf of M/s……) hereby admit that I/we, in case of non-performance or failure in fulfilment of contractual obligation under the contract, will be liable to submit 10% CPG apart from other penal provision of the tender.

_____

Date : _____ Seal of Organization & Signature

Place : _____ of Authorised Applicant

Signature :-
Subject : CN=NIKHIL BHANDARI, ST=DELHI, OID.2.5.4.17=110003, OU=SUPPLY CHAIN MANAGEMENT, O=ENERGY EFFICIENCY SERVICES LIMITED, C=IN
User ID : nikhil.bhandari
Serial No : 13183FB

Attachment-20

CERTIFICATE REGARDING COMPLIANCE OF MeitY NOTIFICATION VIDE FILE NO. 1(10)/2017-CLES dt. 02.07.18

(On the letter head)

To
CGM (SCM),
Energy Efficiency Services Limited,
(A JV of PSUs of Ministry of Power, Govt. of India)
Core-5, 4th Floor,
SCOPE Complex,
Lodhi Road, New Delhi-110003

Sub: Compliance of MeitY notification vide File No. 1(10)/2017-CLES dt. 02.07.18

Ref: NIT/RFP No. _____

Dear Sir/Madam,
This is to certify that the products/items being offered/ quoted against ref. RfP by M/s…….. meet the definition of domestically manufactured/produced **Cyber Security Products** as per Para 4 of MeitY notification vide File no. 1(10)/2017-CLES dt. 02.07.18 and the bidder shall strictly abide by all provisions of the subject notification.

Thanking You,

Yours faithfully,

Signature (Statutory Auditor or Cost Auditor)

……..

Printed Name…….

Seal……

Date:

Place:

P.S. In case any complaint is received at EESL end against the bidder regarding supply of domestically manufactured/produced Cyber Security Products, the same shall be refereed to STQC, an attached office of MeitY.

Signature :-
Subject : CN=NIKHIL BHANDARI, ST=DELHI, OID.2.5.4.17=110003, OU=SUPPLY CHAIN MANAGEMENT, O=ENERGY EFFICIENCY SERVICES LIMITED, C=IN
User ID : nikhil.bhandari
Serial No : 13183FB

Attachment-21

CERTIFICATE REGARDING TYPE OF BIDDER

(On the letter head)

To
CGM (SCM),
Energy Efficiency Services Limited,
(A JV of PSUs of Ministry of Power, Govt. of India)
Core-5, 4th Floor,
SCOPE Complex,
Lodhi Road, New Delhi-110003

Sub: Type of Bidder

Ref: NIT/RFP No. _____

Dear Sir/Madam,

This is to certify that we are participating as:

Pump Manufacturer	
Solar PV Module Manufacturer	
Solar Pump Controller Manufacturer	
Joint Venture	
MSE or not	

In case of Joint Venture

Lead Bidder	**Non-Lead Bidder**
EPC/ Pump Manufacturer/ Solar PV Module Manufacturer/ Solar Pump Controller Manufacturer	EPC/ Pump Manufacturer/ Solar PV Module Manufacturer/ Solar Pump Controller Manufacturer

_____

Date : _____ Seal of Organization & Signature

Place : _____ of Authorised Applicant

Signature :-
Subject : CN=NIKHIL BHANDARI, ST=DELHI, OID.2.5.4.17=110003, OU=SUPPLY CHAIN MANAGEMENT, O=ENERGY EFFICIENCY SERVICES LIMITED, C=IN
User ID : nikhil.bhandari
Serial No : 13183FB

Attachment-22

COMPLIANCE to GFR RULE 175(1)(i)(h)

(On the letter head)

To
CGM (SCM),
Energy Efficiency Services Limited,
(A JV of PSUs of Ministry of Power, Govt. of India)
Core-5, 4th Floor,
SCOPE Complex,
Lodhi Road, New Delhi-110003

Dear Sir,

In reference to bid submitted by M/s _____ against EESL's Tender NIT/Bid Document Number : _____, we hereby undertake that I/We certify that we/our Collaborator/JV Partner are/is are not being under debar list/undergoing debarment period on account of breach of the code of integrity under Rule 175(1)(i)(h) of the General Financial rules for giving false declarations of local content.

Thanking You,

Yours faithfully,

Signature (Statutory Auditor or Cost Auditor)

……..

Printed Name…….

Seal……

Date:

Place:

Signature :-
Subject : CN=NIKHIL BHANDARI, ST=DELHI, OID.2.5.4.17=110003, OU=SUPPLY CHAI N MANAGEMENT, O=ENERGY EFFICIENCY SERVICES LIMITED, C=IN
User ID : nikhil.bhandari
Serial No : 13183FB