



Bid Report for International Competitive Bidding (ICB) conducted for approx. 272,579 Nos. Solar Water Pumping System for 22 Member Countries of International Solar Alliance (ISA)

Submitted to -



Ref: Tender No. EESL/06/2019-20/ICB/ISA/192005004 for "International Competitive bidding (ICB) for "Design, Supply, Installation, Testing, Commissioning & provide Maintenance Services of approx. 272,579 Nos. Solar Water Pumping System for Member Countries of International Solar Alliance (ISA)."

Brief Summary:

- The bids were invited on 16th May 2019 after getting the concurrence from ISA.
- In order to have wider publicity and to encourage more participants, Invitation for Bids (IFB) was advertised in UNDB Portal, copy of invitation for Bid along with complete bidding documents were posted in EESL's official website www.eesl.eproc.in (Tender ID - 1537); Central Public Procurement Portal of Government of India, ISA website and letters were sent by ISA to difference organizations/NFPs of various Member countries.
- As per Invitation for Bid notice, the Pre-bid meeting was held on **7th June 2019** at 11:00 hours (local time) at ISA HQ as stipulated in the bidding documents.
- The minutes of the pre-bid meeting were prepared & subsequently amendments to the bidding documents was published on EESL's website, to clarify certain aspects of the technical requirements of the bidding documents (as raised by the perspective bidders) & extend the date of Bid Submission till 12th Sep, 2019 through amendments.

A total Five(5) bidders submitted the bids in electronic procurement portal within the bid submission deadline of 12th Sep, 2019, 1530 hours IST. The names of the bidders are shown in the following table.

Sr. No.	Bidder's Name
1	M/s Reflex Energy Ltd.
2	M/s Grundfos Pumps (I) Ltd.
3	M/s Shakti Pumps (I) Ltd.
4	M/s Rotomag Motors & Controls Pvt. Ltd.
5	M/s Premier Solar Systems Pvt. Ltd.

Bid Opening

- Received sealed Bids were opened on the e-proc system, as per the standard procedure at 16:00 hours Local time on 12th Sep 2019, at the Corporate Office, EESL, New Delhi in presence of EESL officials, ISA officials and representatives of the bidders (attendance sheet enclosed). The bidders' names were announced and recorded.
- Bid opening committee opened the Envelope-1 & bidders' name and the details of bid security including security amount and validity were announced and recorded, which were successfully submitted by all the five(5) bidders.
- The Envelope (containing the price bid) was kept unopened in encrypted form.

Bid Evaluation

- Bid Evaluation Committee carried out the evaluation. Clarifications were sought from bidders during the process of evaluation.
- As per Bid Evaluation, all the five bidders qualified for the next stage of Price Bid Opening.

Price Bid Opening

Date	27 th Sep, 2019
Venue	EESL Corporate Office, New Delhi

- The Price Bid was opened in the secured electronic procurement portal and was witnessed by Bidders, EESL & ISA officials.

List of Countries for which Bidders have participated along with bidding quantity is highlighted below:

#	Member Country	Total Quantity	Rotosol	Premier	Grundfos	Shakti	Refex
		272,579	1,43,000 (12 countries)	1,56,500 (12 countries)	2,69,550 (12 countries)	2,72,579 (22 countries)	2,71,708 (15 countries)
1	Benin	50000	25000	20000	50000	50000	50000
2	Cabo Verde	100	0	0	0	100	0
3	Congo	80000	40000	35000	80000	80000	80000
4	Djibouti	100	0	0	0	100	0
5	Fiji	27	0	0	0	27	0
6	Guyana	111	0	0	0	111	0
7	Mali	15000	10000	15000	15000	15000	15000
8	Mauritius	27	0	0	0	27	0
9	Nauru	400	0	0	0	400	400
10	Niger	15000	7500	10000	15000	15000	15000
11	Peru	1750			1750	1750	1750
12	Senegal	4000	2000	3000	4000	4000	4000
13	Somalia	500	0	0	0	500	0
14	Sudan	50000	25000	27000	50000	50000	50000
15	South Sudan	6800	3000	4000	6800	6800	6800
16	Sri Lanka	2000	2000	2000	2000	2000	2000
17	Tonga	258	0	0	0	258	258
18	Tuvalu	10000	5000	6000	10000	10000	10000
19	Togo	5000	2500	3000	5000	5000	5000
20	Uganda	30000	20000	30000	30000	30000	30000
21	Yemen	1500	1000	1500	0	1500	1500
22	Zambia	6	0	0	0	6	0

Comparative Analysis:

As per the Bidding Document, rates of all the models for the following services were mandatory to be filled by the bidders in the Price Bid Table:

Service 1: Part A+B+C of Price Bid: Supply, Custom clearance, Local transportation, installation, testing and commissioning of complete system & services at Employer's site of Solar PV based Agricultural Pump Set system as specified in Annex-1: Material/Services to be offered

Pump Category	Rating	Service 1 Rates (Part A + B + C) - Benin				
		Rotosol (L3)	Premier (L2)	Grundfos (L5)	Shakti (L4)	Refex (L1)
AC Surface Agricultural Pumpsets	1 HP	\$2,765	\$2,748	\$11,668	\$6,142	\$2,058
	2 HP	\$3,465	\$3,448	\$12,347	\$6,730	\$2,405
	3 HP	\$5,276	\$5,250	\$13,651	\$8,824	\$3,263
	5 HP	\$7,840	\$7,814	\$18,321	\$9,988	\$4,205
	7.5 HP	\$9,975	\$9,958	\$21,465	\$12,543	\$6,024
	10 HP	\$12,119	\$12,101	\$24,605	\$15,477	\$7,803
AC SUBMERSIBLE PUMPSET	1 HP	\$3,063	\$3,045	\$11,121	\$6,772	\$1,881
	2 HP	\$4,086	\$4,069	\$11,556	\$7,624	\$2,230
	3 HP	\$5,276	\$5,259	\$13,261	\$9,761	\$3,111
	5 HP	\$7,840	\$7,823	\$18,266	\$11,301	\$4,166
	7.5 HP	\$9,975	\$9,958	\$21,252	\$14,988	\$6,105
	10 HP	\$12,119	\$12,093	\$24,989	\$17,679	\$7,905
DC Surface Agricultural Pumpsets	1 HP	\$2,765	\$2,748	\$11,668	\$6,333	\$2,216
	2 HP	\$3,465	\$3,448	\$12,347	\$6,951	\$2,634
	3 HP	\$5,276	\$5,259	\$13,651	\$9,155	\$3,524
	5 HP	\$7,840	\$7,823	\$18,738	\$10,382	\$4,514
	7.5 HP	\$9,975	\$9,975	\$21,465	\$13,071	\$6,029
	10 HP	\$12,119	\$12,093	\$25,158	\$16,160	\$8,202
DC SUMBERSIBLE PUMPSET	1 HP	\$3,063	\$3,045	\$11,091	\$6,997	\$2,023
	2 HP	\$4,086	\$4,060	\$11,526	\$7,893	\$2,312
	3 HP	\$5,276	\$5,250	\$12,897	\$10,142	\$3,183
	5 HP	\$7,840	\$7,823	\$17,753	\$11,764	\$4,227
	7.5 HP	\$9,975	\$9,958	\$20,286	\$15,644	\$6,468
	10 HP	\$12,119	\$12,093	\$23,385	\$18,477	\$8,328

Service 2:Part A+B+C+D of Price Bid: Service 1 + Comprehensive Maintenance (CMC)
Contract for 5 years

Pump Category	Rating	Service 2 Rates (Part A + B + C + D) - Benin				
		Rotosol (L3)	Premier (L2)	Grundfos (L5)	Shakti (L4)	Refex (L1)
AC Surface Agricultural Pumpsets	1 HP	\$3,397	\$3,376	\$14,449	\$6,836	\$2,658
	2 HP	\$4,257	\$4,236	\$15,128	\$7,536	\$3,039
	3 HP	\$6,482	\$6,450	\$16,432	\$10,029	\$3,982
	5 HP	\$9,632	\$9,600	\$21,411	\$11,415	\$5,021
	7.5 HP	\$12,255	\$12,234	\$24,864	\$14,456	\$7,024
	10 HP	\$14,889	\$14,867	\$28,004	\$17,949	\$8,981
AC SUBMERSIBLE PUMPSET	1 HP	\$3,763	\$3,741	\$13,902	\$7,586	\$2,472
	2 HP	\$5,020	\$4,999	\$14,337	\$8,600	\$2,854
	3 HP	\$6,482	\$6,461	\$16,042	\$11,144	\$3,821
	5 HP	\$9,632	\$9,611	\$21,356	\$12,978	\$4,979
	7.5 HP	\$12,255	\$12,234	\$24,651	\$17,367	\$7,110
	10 HP	\$14,889	\$14,857	\$28,388	\$20,571	\$9,088
DC Surface Agricultural Pumpsets	1 HP	\$3,397	\$3,376	\$14,449	\$7,063	\$2,824
	2 HP	\$4,257	\$4,236	\$15,128	\$7,799	\$3,279
	3 HP	\$6,482	\$6,461	\$16,432	\$10,423	\$4,256
	5 HP	\$9,632	\$9,611	\$21,828	\$11,884	\$5,346
	7.5 HP	\$12,255	\$12,255	\$24,864	\$15,085	\$7,030
	10 HP	\$14,889	\$14,857	\$28,557	\$18,762	\$9,400
DC SUMBERSIBLE PUMPSET	1 HP	\$3,763	\$3,741	\$13,902	\$7,854	\$2,621
	2 HP	\$5,020	\$4,988	\$14,337	\$8,921	\$2,941
	3 HP	\$6,482	\$6,450	\$15,730	\$11,598	\$3,898
	5 HP	\$9,632	\$9,611	\$20,921	\$13,529	\$5,044
	7.5 HP	\$12,255	\$12,234	\$23,796	\$18,148	\$7,492
	10 HP	\$14,889	\$14,857	\$26,937	\$21,521	\$9,533

Comparative Analysis:

As per the Bidding Document, rates of all the models for the following services were mandatory to be filled by the bidders in the Price Bid Table:

Service 1: Part A+B+C of Price Bid: Supply, Custom clearance, Local transportation, installation, testing and commissioning of complete system & services at Employer's site of Solar PV based Agricultural Pump Set system as specified in Annex-1: Material/Services to be offered

Pump Category	Rating	Service 1 Rates (Part A + B + C) - Cabo Verde				
		Rotosol	Premier	Grundfos	Shakti	Refex
AC Surface Agricultural Pumpsets	1 HP	N/a	N/a	N/a	\$6,315	N/a
	2 HP	N/a	N/a	N/a	\$6,931	N/a
	3 HP	N/a	N/a	N/a	\$9,125	N/a
	5 HP	N/a	N/a	N/a	\$10,345	N/a
	7.5 HP	N/a	N/a	N/a	\$13,021	N/a
	10 HP	N/a	N/a	N/a	\$16,095	N/a
AC SUBMERSIBLE PUMPSET	1 HP	N/a	N/a	N/a	\$6,975	N/a
	2 HP	N/a	N/a	N/a	\$7,868	N/a
	3 HP	N/a	N/a	N/a	\$10,107	N/a
	5 HP	N/a	N/a	N/a	\$11,720	N/a
	7.5 HP	N/a	N/a	N/a	\$15,583	N/a
	10 HP	N/a	N/a	N/a	\$18,402	N/a
DC Surface Agricultural Pumpsets	1 HP	N/a	N/a	N/a	\$6,515	N/a
	2 HP	N/a	N/a	N/a	\$7,163	N/a
	3 HP	N/a	N/a	N/a	\$9,472	N/a
	5 HP	N/a	N/a	N/a	\$10,757	N/a
	7.5 HP	N/a	N/a	N/a	\$13,574	N/a
	10 HP	N/a	N/a	N/a	\$16,810	N/a
DC SUMBERSIBLE PUMPSET	1 HP	N/a	N/a	N/a	\$7,211	N/a
	2 HP	N/a	N/a	N/a	\$8,150	N/a
	3 HP	N/a	N/a	N/a	\$10,506	N/a
	5 HP	N/a	N/a	N/a	\$12,205	N/a
	7.5 HP	N/a	N/a	N/a	\$16,270	N/a
	10 HP	N/a	N/a	N/a	\$19,238	N/a

Service 2:Part A+B+C+D of Price Bid: Service 1 + Comprehensive Maintenance (CMC)
Contract for 5 years

Pump Category	Rating	Service 2 Rates (Part A + B + C + D) - Cabo Verde				
		Rotosol	Premier	Grundfos	Shakti	Refex
AC Surface Agricultural Pumpsets	1 HP	N/a	N/a	N/a	\$7,009	N/a
	2 HP	N/a	N/a	N/a	\$7,737	N/a
	3 HP	N/a	N/a	N/a	\$10,330	N/a
	5 HP	N/a	N/a	N/a	\$11,772	N/a
	7.5 HP	N/a	N/a	N/a	\$14,934	N/a
	10 HP	N/a	N/a	N/a	\$18,567	N/a
AC SUBMERSIBLE PUMPSET	1 HP	N/a	N/a	N/a	\$7,789	N/a
	2 HP	N/a	N/a	N/a	\$8,844	N/a
	3 HP	N/a	N/a	N/a	\$11,490	N/a
	5 HP	N/a	N/a	N/a	\$13,397	N/a
	7.5 HP	N/a	N/a	N/a	\$17,962	N/a
	10 HP	N/a	N/a	N/a	\$21,294	N/a
DC Surface Agricultural Pumpsets	1 HP	N/a	N/a	N/a	\$7,245	N/a
	2 HP	N/a	N/a	N/a	\$8,011	N/a
	3 HP	N/a	N/a	N/a	\$10,740	N/a
	5 HP	N/a	N/a	N/a	\$12,259	N/a
	7.5 HP	N/a	N/a	N/a	\$15,588	N/a
	10 HP	N/a	N/a	N/a	\$19,412	N/a
DC SUMBERSIBLE PUMPSET	1 HP	N/a	N/a	N/a	\$8,068	N/a
	2 HP	N/a	N/a	N/a	\$9,178	N/a
	3 HP	N/a	N/a	N/a	\$11,962	N/a
	5 HP	N/a	N/a	N/a	\$13,970	N/a
	7.5 HP	N/a	N/a	N/a	\$18,774	N/a
	10 HP	N/a	N/a	N/a	\$22,282	N/a

Comparative Analysis:

As per the Bidding Document, rates of all the models for the following services were mandatory to be filled by the bidders in the Price Bid Table:

Service 1: Part A+B+C of Price Bid: Supply, Custom clearance, Local transportation, installation, testing and commissioning of complete system & services at Employer's site of Solar PV based Agricultural Pump Set system as specified in Annex-1: Material/Services to be offered

Pump Category	Rating	Service 1 Rates (Part A + B + C) - Congo				
		Rotosol (L3)	Premier (L2)	Grundfos (L5)	Shakti (L4)	Refex (L1)
AC Surface Agricultural Pumpsets	1 HP	\$2,765	\$2,748	\$13,970	\$5,968	\$2,166
	2 HP	\$3,465	\$3,448	\$14,669	\$6,730	\$2,474
	3 HP	\$5,276	\$5,250	\$16,232	\$8,824	\$3,338
	5 HP	\$7,840	\$7,814	\$21,771	\$9,988	\$4,241
	7.5 HP	\$9,975	\$9,958	\$25,336	\$12,543	\$6,008
	10 HP	\$12,119	\$12,101	\$29,342	\$15,477	\$7,726
AC SUBMERSIBLE PUMPSET	1 HP	\$3,063	\$3,045	\$13,353	\$6,772	\$1,989
	2 HP	\$4,086	\$4,069	\$13,800	\$7,624	\$2,299
	3 HP	\$5,276	\$5,259	\$15,775	\$9,761	\$3,185
	5 HP	\$7,840	\$7,823	\$21,991	\$11,301	\$4,201
	7.5 HP	\$9,975	\$9,958	\$25,395	\$14,988	\$6,089
	10 HP	\$12,119	\$12,093	\$29,682	\$17,679	\$7,828
DC Surface Agricultural Pumpsets	1 HP	\$2,765	\$2,748	\$13,970	\$6,333	\$2,329
	2 HP	\$3,465	\$3,448	\$14,669	\$6,951	\$2,703
	3 HP	\$5,276	\$5,259	\$16,232	\$9,155	\$3,599
	5 HP	\$7,840	\$7,823	\$22,200	\$10,382	\$4,550
	7.5 HP	\$9,975	\$9,975	\$25,336	\$13,071	\$6,013
	10 HP	\$12,119	\$12,093	\$29,469	\$16,160	\$8,125
DC SUMBERSIBLE PUMPSET	1 HP	\$3,063	\$3,045	\$13,353	\$6,997	\$2,136
	2 HP	\$4,086	\$4,060	\$13,800	\$7,893	\$2,381
	3 HP	\$5,276	\$5,250	\$15,455	\$10,142	\$3,258
	5 HP	\$7,840	\$7,823	\$21,543	\$11,764	\$4,263
	7.5 HP	\$9,975	\$9,958	\$24,515	\$15,644	\$6,453
	10 HP	\$12,119	\$12,093	\$28,189	\$18,477	\$8,251

Service 2:Part A+B+C+D of Price Bid: Service 1 + Comprehensive Maintenance (CMC)
Contract for 5 years

Pump Category	Rating	Service 2 Rates (Part A + B + C + D) - Congo				
		Rotosol (L3)	Premier (L2)	Grundfos (L5)	Shakti (L4)	Refex (L1)
AC Surface Agricultural Pumpsets	1 HP	\$3,397	\$3,376	\$18,308	\$6,662	\$2,774
	2 HP	\$4,257	\$4,236	\$19,007	\$7,536	\$3,112
	3 HP	\$6,482	\$6,450	\$20,570	\$10,029	\$4,061
	5 HP	\$9,632	\$9,600	\$26,591	\$11,415	\$5,058
	7.5 HP	\$12,255	\$12,234	\$30,638	\$14,456	\$7,008
	10 HP	\$14,889	\$14,867	\$34,644	\$17,949	\$8,899
AC SUBMERSIBLE PUMPSET	1 HP	\$3,763	\$3,741	\$17,691	\$7,586	\$2,588
	2 HP	\$5,020	\$4,999	\$18,138	\$8,600	\$2,928
	3 HP	\$6,482	\$6,461	\$20,113	\$11,144	\$3,901
	5 HP	\$9,632	\$9,611	\$26,811	\$12,978	\$5,016
	7.5 HP	\$12,255	\$12,234	\$30,697	\$17,367	\$7,093
	10 HP	\$14,889	\$14,857	\$34,984	\$20,571	\$9,006
DC Surface Agricultural Pumpsets	1 HP	\$3,397	\$3,376	\$18,308	\$7,063	\$2,945
	2 HP	\$4,257	\$4,236	\$19,007	\$7,799	\$3,352
	3 HP	\$6,482	\$6,461	\$20,570	\$10,423	\$4,336
	5 HP	\$9,632	\$9,611	\$27,020	\$11,884	\$5,383
	7.5 HP	\$12,255	\$12,255	\$30,638	\$15,085	\$7,013
	10 HP	\$14,889	\$14,857	\$34,771	\$18,762	\$9,319
DC SUMBERSIBLE PUMPSET	1 HP	\$3,763	\$3,741	\$17,691	\$7,854	\$2,742
	2 HP	\$5,020	\$4,988	\$18,138	\$8,921	\$3,014
	3 HP	\$6,482	\$6,450	\$19,793	\$11,598	\$3,977
	5 HP	\$9,632	\$9,611	\$26,363	\$13,529	\$5,081
	7.5 HP	\$12,255	\$12,234	\$29,817	\$18,148	\$7,475
	10 HP	\$14,889	\$14,857	\$33,491	\$21,521	\$9,451

Comparative Analysis:

As per the Bidding Document, rates of all the models for the following services were mandatory to be filled by the bidders in the Price Bid Table:

Service 1: Part A+B+C of Price Bid: Supply, Custom clearance, Local transportation, installation, testing and commissioning of complete system & services at Employer's site of Solar PV based Agricultural Pump Set system as specified in Annex-1: Material/Services to be offered

Pump Category	Rating	Service 1 Rates (Part A + B + C) - Djibouti				
		Rotosol	Premier	Grundfos	Shakti	Refex
AC Surface Agricultural Pumpsets	1 HP	N/a	N/a	N/a	\$6,315	N/a
	2 HP	N/a	N/a	N/a	\$6,931	N/a
	3 HP	N/a	N/a	N/a	\$9,125	N/a
	5 HP	N/a	N/a	N/a	\$10,345	N/a
	7.5 HP	N/a	N/a	N/a	\$13,021	N/a
	10 HP	N/a	N/a	N/a	\$16,095	N/a
AC SUBMERSIBLE PUMPSET	1 HP	N/a	N/a	N/a	\$6,975	N/a
	2 HP	N/a	N/a	N/a	\$7,868	N/a
	3 HP	N/a	N/a	N/a	\$10,107	N/a
	5 HP	N/a	N/a	N/a	\$11,720	N/a
	7.5 HP	N/a	N/a	N/a	\$15,583	N/a
	10 HP	N/a	N/a	N/a	\$18,402	N/a
DC Surface Agricultural Pumpsets	1 HP	N/a	N/a	N/a	\$6,515	N/a
	2 HP	N/a	N/a	N/a	\$7,163	N/a
	3 HP	N/a	N/a	N/a	\$9,472	N/a
	5 HP	N/a	N/a	N/a	\$10,757	N/a
	7.5 HP	N/a	N/a	N/a	\$13,574	N/a
	10 HP	N/a	N/a	N/a	\$16,810	N/a
DC SUMBERSIBLE PUMPSET	1 HP	N/a	N/a	N/a	\$7,211	N/a
	2 HP	N/a	N/a	N/a	\$8,150	N/a
	3 HP	N/a	N/a	N/a	\$10,506	N/a
	5 HP	N/a	N/a	N/a	\$12,205	N/a
	7.5 HP	N/a	N/a	N/a	\$16,270	N/a
	10 HP	N/a	N/a	N/a	\$19,238	N/a

Service 2:Part A+B+C+D of Price Bid: Service 1 + Comprehensive Maintenance (CMC)
Contract for 5 years

Pump Category	Rating	Service 2 Rates (Part A + B + C + D) - Djibouti				
		Rotosol	Premier	Grundfos	Shakti	Refex
AC Surface Agricultural Pumpsets	1 HP	N/a	N/a	N/a	\$7,009	N/a
	2 HP	N/a	N/a	N/a	\$7,737	N/a
	3 HP	N/a	N/a	N/a	\$10,330	N/a
	5 HP	N/a	N/a	N/a	\$11,772	N/a
	7.5 HP	N/a	N/a	N/a	\$14,934	N/a
	10 HP	N/a	N/a	N/a	\$18,567	N/a
AC SUBMERSIBLE PUMPSET	1 HP	N/a	N/a	N/a	\$7,789	N/a
	2 HP	N/a	N/a	N/a	\$8,844	N/a
	3 HP	N/a	N/a	N/a	\$11,490	N/a
	5 HP	N/a	N/a	N/a	\$13,397	N/a
	7.5 HP	N/a	N/a	N/a	\$17,962	N/a
	10 HP	N/a	N/a	N/a	\$21,294	N/a
DC Surface Agricultural Pumpsets	1 HP	N/a	N/a	N/a	\$7,245	N/a
	2 HP	N/a	N/a	N/a	\$8,011	N/a
	3 HP	N/a	N/a	N/a	\$10,740	N/a
	5 HP	N/a	N/a	N/a	\$12,259	N/a
	7.5 HP	N/a	N/a	N/a	\$15,588	N/a
	10 HP	N/a	N/a	N/a	\$19,412	N/a
DC SUMBERSIBLE PUMPSET	1 HP	N/a	N/a	N/a	\$8,068	N/a
	2 HP	N/a	N/a	N/a	\$9,178	N/a
	3 HP	N/a	N/a	N/a	\$11,962	N/a
	5 HP	N/a	N/a	N/a	\$13,970	N/a
	7.5 HP	N/a	N/a	N/a	\$18,774	N/a
	10 HP	N/a	N/a	N/a	\$22,282	N/a

Comparative Analysis:

As per the Bidding Document, rates of all the models for the following services were mandatory to be filled by the bidders in the Price Bid Table:

Service 1: Part A+B+C of Price Bid: Supply, Custom clearance, Local transportation, installation, testing and commissioning of complete system & services at Employer's site of Solar PV based Agricultural Pump Set system as specified in Annex-1: Material/Services to be offered

Pump Category	Rating	Service 1 Rates (Part A + B + C) - Fiji				
		Rotosol	Premier	Grundfos	Shakti	Refex
AC Surface Agricultural Pumpsets	1 HP	N/a	N/a	N/a	\$6,315	N/a
	2 HP	N/a	N/a	N/a	\$6,931	N/a
	3 HP	N/a	N/a	N/a	\$9,125	N/a
	5 HP	N/a	N/a	N/a	\$10,345	N/a
	7.5 HP	N/a	N/a	N/a	\$13,021	N/a
	10 HP	N/a	N/a	N/a	\$16,095	N/a
AC SUBMERSIBLE PUMPSET	1 HP	N/a	N/a	N/a	\$6,975	N/a
	2 HP	N/a	N/a	N/a	\$7,868	N/a
	3 HP	N/a	N/a	N/a	\$10,107	N/a
	5 HP	N/a	N/a	N/a	\$11,720	N/a
	7.5 HP	N/a	N/a	N/a	\$15,583	N/a
	10 HP	N/a	N/a	N/a	\$18,402	N/a
DC Surface Agricultural Pumpsets	1 HP	N/a	N/a	N/a	\$6,515	N/a
	2 HP	N/a	N/a	N/a	\$7,163	N/a
	3 HP	N/a	N/a	N/a	\$9,472	N/a
	5 HP	N/a	N/a	N/a	\$10,757	N/a
	7.5 HP	N/a	N/a	N/a	\$13,574	N/a
	10 HP	N/a	N/a	N/a	\$16,810	N/a
DC SUMBERSIBLE PUMPSET	1 HP	N/a	N/a	N/a	\$7,211	N/a
	2 HP	N/a	N/a	N/a	\$8,150	N/a
	3 HP	N/a	N/a	N/a	\$10,506	N/a
	5 HP	N/a	N/a	N/a	\$12,205	N/a
	7.5 HP	N/a	N/a	N/a	\$16,270	N/a
	10 HP	N/a	N/a	N/a	\$19,238	N/a

Service 2:Part A+B+C+D of Price Bid: Service 1 + Comprehensive Maintenance (CMC)
Contract for 5 years

Pump Category	Rating	Service 2 Rates (Part A + B + C + D) - Fiji				
		Rotosol	Premier	Grundfos	Shakti	Refex
AC Surface Agricultural Pumpsets	1 HP	N/a	N/a	N/a	\$7,009	N/a
	2 HP	N/a	N/a	N/a	\$7,737	N/a
	3 HP	N/a	N/a	N/a	\$10,330	N/a
	5 HP	N/a	N/a	N/a	\$11,772	N/a
	7.5 HP	N/a	N/a	N/a	\$14,934	N/a
	10 HP	N/a	N/a	N/a	\$18,567	N/a
AC SUBMERSIBLE PUMPSET	1 HP	N/a	N/a	N/a	\$7,789	N/a
	2 HP	N/a	N/a	N/a	\$8,844	N/a
	3 HP	N/a	N/a	N/a	\$11,490	N/a
	5 HP	N/a	N/a	N/a	\$13,397	N/a
	7.5 HP	N/a	N/a	N/a	\$17,962	N/a
	10 HP	N/a	N/a	N/a	\$21,294	N/a
DC Surface Agricultural Pumpsets	1 HP	N/a	N/a	N/a	\$7,245	N/a
	2 HP	N/a	N/a	N/a	\$8,011	N/a
	3 HP	N/a	N/a	N/a	\$10,740	N/a
	5 HP	N/a	N/a	N/a	\$12,259	N/a
	7.5 HP	N/a	N/a	N/a	\$15,588	N/a
	10 HP	N/a	N/a	N/a	\$19,412	N/a
DC SUMBERSIBLE PUMPSET	1 HP	N/a	N/a	N/a	\$8,068	N/a
	2 HP	N/a	N/a	N/a	\$9,178	N/a
	3 HP	N/a	N/a	N/a	\$11,962	N/a
	5 HP	N/a	N/a	N/a	\$13,970	N/a
	7.5 HP	N/a	N/a	N/a	\$18,774	N/a
	10 HP	N/a	N/a	N/a	\$22,282	N/a

Comparative Analysis:

As per the Bidding Document, rates of all the models for the following services were mandatory to be filled by the bidders in the Price Bid Table:

Service 1: Part A+B+C of Price Bid: Supply, Custom clearance, Local transportation, installation, testing and commissioning of complete system & services at Employer's site of Solar PV based Agricultural Pump Set system as specified in Annex-1: Material/Services to be offered

Pump Category	Rating	Service 1 Rates (Part A + B + C) - Guyana				
		Rotosol	Premier	Grundfos	Shakti	Refex
AC Surface Agricultural Pumpsets	1 HP	N/a	N/a	N/a	\$6,315	N/a
	2 HP	N/a	N/a	N/a	\$6,931	N/a
	3 HP	N/a	N/a	N/a	\$9,125	N/a
	5 HP	N/a	N/a	N/a	\$10,345	N/a
	7.5 HP	N/a	N/a	N/a	\$13,021	N/a
	10 HP	N/a	N/a	N/a	\$16,095	N/a
AC SUBMERSIBLE PUMPSET	1 HP	N/a	N/a	N/a	\$6,975	N/a
	2 HP	N/a	N/a	N/a	\$7,868	N/a
	3 HP	N/a	N/a	N/a	\$10,107	N/a
	5 HP	N/a	N/a	N/a	\$11,720	N/a
	7.5 HP	N/a	N/a	N/a	\$15,583	N/a
	10 HP	N/a	N/a	N/a	\$18,402	N/a
DC Surface Agricultural Pumpsets	1 HP	N/a	N/a	N/a	\$6,515	N/a
	2 HP	N/a	N/a	N/a	\$7,163	N/a
	3 HP	N/a	N/a	N/a	\$9,472	N/a
	5 HP	N/a	N/a	N/a	\$10,757	N/a
	7.5 HP	N/a	N/a	N/a	\$13,574	N/a
	10 HP	N/a	N/a	N/a	\$16,810	N/a
DC SUMBERSIBLE PUMPSET	1 HP	N/a	N/a	N/a	\$7,211	N/a
	2 HP	N/a	N/a	N/a	\$8,150	N/a
	3 HP	N/a	N/a	N/a	\$10,506	N/a
	5 HP	N/a	N/a	N/a	\$12,205	N/a
	7.5 HP	N/a	N/a	N/a	\$16,270	N/a
	10 HP	N/a	N/a	N/a	\$19,238	N/a

Service 2:Part A+B+C+D of Price Bid: Service 1 + Comprehensive Maintenance (CMC)
Contract for 5 years

Pump Category	Rating	Service 2 Rates (Part A + B + C + D) - Guyana				
		Rotosol	Premier	Grundfos	Shakti	Refex
AC Surface Agricultural Pumpsets	1 HP	N/a	N/a	N/a	\$7,009	N/a
	2 HP	N/a	N/a	N/a	\$7,737	N/a
	3 HP	N/a	N/a	N/a	\$10,330	N/a
	5 HP	N/a	N/a	N/a	\$11,772	N/a
	7.5 HP	N/a	N/a	N/a	\$14,934	N/a
	10 HP	N/a	N/a	N/a	\$18,567	N/a
AC SUBMERSIBLE PUMPSET	1 HP	N/a	N/a	N/a	\$7,789	N/a
	2 HP	N/a	N/a	N/a	\$8,844	N/a
	3 HP	N/a	N/a	N/a	\$11,490	N/a
	5 HP	N/a	N/a	N/a	\$13,397	N/a
	7.5 HP	N/a	N/a	N/a	\$17,962	N/a
	10 HP	N/a	N/a	N/a	\$21,294	N/a
DC Surface Agricultural Pumpsets	1 HP	N/a	N/a	N/a	\$7,245	N/a
	2 HP	N/a	N/a	N/a	\$8,011	N/a
	3 HP	N/a	N/a	N/a	\$10,740	N/a
	5 HP	N/a	N/a	N/a	\$12,259	N/a
	7.5 HP	N/a	N/a	N/a	\$15,588	N/a
	10 HP	N/a	N/a	N/a	\$19,412	N/a
DC SUMBERSIBLE PUMPSET	1 HP	N/a	N/a	N/a	\$8,068	N/a
	2 HP	N/a	N/a	N/a	\$9,178	N/a
	3 HP	N/a	N/a	N/a	\$11,962	N/a
	5 HP	N/a	N/a	N/a	\$13,970	N/a
	7.5 HP	N/a	N/a	N/a	\$18,774	N/a
	10 HP	N/a	N/a	N/a	\$22,282	N/a

Comparative Analysis:

As per the Bidding Document, rates of all the models for the following services were mandatory to be filled by the bidders in the Price Bid Table:

Service 1: Part A+B+C of Price Bid: Supply, Custom clearance, Local transportation, installation, testing and commissioning of complete system & services at Employer's site of Solar PV based Agricultural Pump Set system as specified in Annex-1: Material/Services to be offered

Pump Category	Rating	Service 1 Rates (Part A + B + C) - Mali				
		Rotosol (L3)	Premier (L2)	Grundfos (L5)	Shakti (L4)	Refex (L1)
AC Surface Agricultural Pumpsets	1 HP	\$2,765	\$2,748	\$11,631	\$6,142	\$2,157
	2 HP	\$3,465	\$3,448	\$12,311	\$6,730	\$2,472
	3 HP	\$5,276	\$5,250	\$13,593	\$8,824	\$3,334
	5 HP	\$7,840	\$7,814	\$18,269	\$9,988	\$4,279
	7.5 HP	\$9,975	\$9,958	\$21,381	\$12,543	\$6,105
	10 HP	\$12,119	\$12,101	\$24,448	\$15,477	\$7,885
AC SUBMERSIBLE PUMPSET	1 HP	\$3,063	\$3,045	\$11,091	\$6,772	\$1,981
	2 HP	\$4,086	\$4,069	\$11,526	\$7,624	\$2,297
	3 HP	\$5,276	\$5,259	\$13,209	\$9,761	\$3,181
	5 HP	\$7,840	\$7,823	\$18,189	\$11,301	\$4,240
	7.5 HP	\$9,975	\$9,958	\$21,142	\$14,988	\$6,186
	10 HP	\$12,119	\$12,093	\$24,836	\$17,679	\$7,987
DC Surface Agricultural Pumpsets	1 HP	\$2,765	\$2,748	\$11,631	\$6,333	\$2,315
	2 HP	\$3,465	\$3,448	\$12,311	\$6,951	\$2,701
	3 HP	\$5,276	\$5,259	\$13,593	\$9,155	\$3,595
	5 HP	\$7,840	\$7,823	\$18,687	\$10,382	\$4,588
	7.5 HP	\$9,975	\$9,975	\$21,381	\$13,071	\$6,110
	10 HP	\$12,119	\$12,093	\$25,044	\$16,160	\$8,284
DC SUMBERSIBLE PUMPSET	1 HP	\$3,063	\$3,045	\$11,091	\$6,997	\$2,122
	2 HP	\$4,086	\$4,060	\$11,526	\$7,893	\$2,379
	3 HP	\$5,276	\$5,250	\$12,897	\$10,142	\$3,254
	5 HP	\$7,840	\$7,823	\$17,753	\$11,764	\$4,301
	7.5 HP	\$9,975	\$9,958	\$20,286	\$15,644	\$6,550
	10 HP	\$12,119	\$12,093	\$23,385	\$18,477	\$8,410

Service 2:Part A+B+C+D of Price Bid: Service 1 + Comprehensive Maintenance (CMC)
Contract for 5 years

Pump Category	Rating	Service 2 Rates (Part A + B + C + D) - Mali				
		Rotosol (L3)	Premier (L2)	Grundfos (L5)	Shakti (L4)	Refex (L1)
AC Surface Agricultural Pumpsets	1 HP	\$3,397	\$3,376	\$14,996	\$6,836	\$2,764
	2 HP	\$4,257	\$4,236	\$15,676	\$7,536	\$3,110
	3 HP	\$6,482	\$6,450	\$16,958	\$10,029	\$4,057
	5 HP	\$9,632	\$9,600	\$22,008	\$11,415	\$5,099
	7.5 HP	\$12,255	\$12,234	\$25,494	\$14,456	\$7,111
	10 HP	\$14,889	\$14,867	\$28,561	\$17,949	\$9,068
AC SUBMERSIBLE PUMPSET	1 HP	\$3,763	\$3,741	\$14,456	\$7,586	\$2,578
	2 HP	\$5,020	\$4,999	\$14,891	\$8,600	\$2,926
	3 HP	\$6,482	\$6,461	\$16,574	\$11,144	\$3,896
	5 HP	\$9,632	\$9,611	\$21,928	\$12,978	\$5,057
	7.5 HP	\$12,255	\$12,234	\$25,255	\$17,367	\$7,197
	10 HP	\$14,889	\$14,857	\$28,949	\$20,571	\$9,175
DC Surface Agricultural Pumpsets	1 HP	\$3,397	\$3,376	\$14,996	\$7,063	\$2,930
	2 HP	\$4,257	\$4,236	\$15,676	\$7,799	\$3,350
	3 HP	\$6,482	\$6,461	\$16,958	\$10,423	\$4,331
	5 HP	\$9,632	\$9,611	\$22,426	\$11,884	\$5,424
	7.5 HP	\$12,255	\$12,255	\$25,494	\$15,085	\$7,117
	10 HP	\$14,889	\$14,857	\$29,157	\$18,762	\$9,487
DC SUMBERSIBLE PUMPSET	1 HP	\$3,763	\$3,741	\$14,456	\$7,854	\$2,727
	2 HP	\$5,020	\$4,988	\$14,891	\$8,921	\$3,012
	3 HP	\$6,482	\$6,450	\$16,262	\$11,598	\$3,973
	5 HP	\$9,632	\$9,611	\$21,492	\$13,529	\$5,122
	7.5 HP	\$12,255	\$12,234	\$24,399	\$18,148	\$7,579
	10 HP	\$14,889	\$14,857	\$27,498	\$21,521	\$9,620

Comparative Analysis:

As per the Bidding Document, rates of all the models for the following services were mandatory to be filled by the bidders in the Price Bid Table:

Service 1: Part A+B+C of Price Bid: Supply, Custom clearance, Local transportation, installation, testing and commissioning of complete system & services at Employer's site of Solar PV based Agricultural Pump Set system as specified in Annex-1: Material/Services to be offered

Pump Category	Rating	Service 1 Rates (Part A + B + C) - Mauritius				
		Rotosol	Premier	Grundfos	Shakti	Refex
AC Surface Agricultural Pumpsets	1 HP	N/a	N/a	N/a	\$6,315	N/a
	2 HP	N/a	N/a	N/a	\$6,931	N/a
	3 HP	N/a	N/a	N/a	\$9,125	N/a
	5 HP	N/a	N/a	N/a	\$10,345	N/a
	7.5 HP	N/a	N/a	N/a	\$13,021	N/a
	10 HP	N/a	N/a	N/a	\$16,095	N/a
AC SUBMERSIBLE PUMPSET	1 HP	N/a	N/a	N/a	\$6,975	N/a
	2 HP	N/a	N/a	N/a	\$7,868	N/a
	3 HP	N/a	N/a	N/a	\$10,107	N/a
	5 HP	N/a	N/a	N/a	\$11,720	N/a
	7.5 HP	N/a	N/a	N/a	\$15,583	N/a
	10 HP	N/a	N/a	N/a	\$18,402	N/a
DC Surface Agricultural Pumpsets	1 HP	N/a	N/a	N/a	\$6,515	N/a
	2 HP	N/a	N/a	N/a	\$7,163	N/a
	3 HP	N/a	N/a	N/a	\$9,472	N/a
	5 HP	N/a	N/a	N/a	\$10,757	N/a
	7.5 HP	N/a	N/a	N/a	\$13,574	N/a
	10 HP	N/a	N/a	N/a	\$16,810	N/a
DC SUMBERSIBLE PUMPSET	1 HP	N/a	N/a	N/a	\$7,211	N/a
	2 HP	N/a	N/a	N/a	\$8,150	N/a
	3 HP	N/a	N/a	N/a	\$10,506	N/a
	5 HP	N/a	N/a	N/a	\$12,205	N/a
	7.5 HP	N/a	N/a	N/a	\$16,270	N/a
	10 HP	N/a	N/a	N/a	\$19,238	N/a

Service 2:Part A+B+C+D of Price Bid: Service 1 + Comprehensive Maintenance (CMC)
Contract for 5 years

Pump Category	Rating	Service 2 Rates (Part A + B + C + D) - Mauritius				
		Rotosol	Premier	Grundfos	Shakti	Refex
AC Surface Agricultural Pumpsets	1 HP	N/a	N/a	N/a	\$7,009	N/a
	2 HP	N/a	N/a	N/a	\$7,737	N/a
	3 HP	N/a	N/a	N/a	\$10,330	N/a
	5 HP	N/a	N/a	N/a	\$11,772	N/a
	7.5 HP	N/a	N/a	N/a	\$14,934	N/a
	10 HP	N/a	N/a	N/a	\$18,567	N/a
AC SUBMERSIBLE PUMPSET	1 HP	N/a	N/a	N/a	\$7,789	N/a
	2 HP	N/a	N/a	N/a	\$8,844	N/a
	3 HP	N/a	N/a	N/a	\$11,490	N/a
	5 HP	N/a	N/a	N/a	\$13,397	N/a
	7.5 HP	N/a	N/a	N/a	\$17,962	N/a
	10 HP	N/a	N/a	N/a	\$21,294	N/a
DC Surface Agricultural Pumpsets	1 HP	N/a	N/a	N/a	\$7,245	N/a
	2 HP	N/a	N/a	N/a	\$8,011	N/a
	3 HP	N/a	N/a	N/a	\$10,740	N/a
	5 HP	N/a	N/a	N/a	\$12,259	N/a
	7.5 HP	N/a	N/a	N/a	\$15,588	N/a
	10 HP	N/a	N/a	N/a	\$19,412	N/a
DC SUMBERSIBLE PUMPSET	1 HP	N/a	N/a	N/a	\$8,068	N/a
	2 HP	N/a	N/a	N/a	\$9,178	N/a
	3 HP	N/a	N/a	N/a	\$11,962	N/a
	5 HP	N/a	N/a	N/a	\$13,970	N/a
	7.5 HP	N/a	N/a	N/a	\$18,774	N/a
	10 HP	N/a	N/a	N/a	\$22,282	N/a

Comparative Analysis:

As per the Bidding Document, rates of all the models for the following services were mandatory to be filled by the bidders in the Price Bid Table:

Service 1: Part A+B+C of Price Bid: Supply, Custom clearance, Local transportation, installation, testing and commissioning of complete system & services at Employer's site of Solar PV based Agricultural Pump Set system as specified in Annex-1: Material/Services to be offered

Pump Category	Rating	Service 1 Rates (Part A + B + C) - Nauru				
		Rotosol	Premier	Grundfos	Shakti (L2)	Refex (L-1)
AC Surface Agricultural Pumpsets	1 HP	N/A	N/A	N/A	\$6,315	\$3,187
	2 HP	N/A	N/A	N/A	\$6,931	\$3,869
	3 HP	N/A	N/A	N/A	\$9,125	\$4,763
	5 HP	N/A	N/A	N/A	\$10,345	\$5,730
	7.5 HP	N/A	N/A	N/A	\$13,021	\$7,498
	10 HP	N/A	N/A	N/A	\$16,095	\$9,249
AC SUBMERSIBLE PUMPSET	1 HP	N/A	N/A	N/A	\$6,975	\$3,010
	2 HP	N/A	N/A	N/A	\$7,868	\$3,694
	3 HP	N/A	N/A	N/A	\$10,107	\$4,611
	5 HP	N/A	N/A	N/A	\$11,720	\$5,690
	7.5 HP	N/A	N/A	N/A	\$15,583	\$7,579
	10 HP	N/A	N/A	N/A	\$18,402	\$9,351
DC Surface Agricultural Pumpsets	1 HP	N/A	N/A	N/A	\$6,515	\$3,349
	2 HP	N/A	N/A	N/A	\$7,163	\$4,098
	3 HP	N/A	N/A	N/A	\$9,472	\$5,024
	5 HP	N/A	N/A	N/A	\$10,757	\$6,039
	7.5 HP	N/A	N/A	N/A	\$13,574	\$7,503
	10 HP	N/A	N/A	N/A	\$16,810	\$9,648
DC SUMBERSIBLE PUMPSET	1 HP	N/A	N/A	N/A	\$7,211	\$3,156
	2 HP	N/A	N/A	N/A	\$8,150	\$3,776
	3 HP	N/A	N/A	N/A	\$10,506	\$4,683
	5 HP	N/A	N/A	N/A	\$12,205	\$5,752
	7.5 HP	N/A	N/A	N/A	\$16,270	\$7,943
	10 HP	N/A	N/A	N/A	\$19,238	\$9,774

Service 2:Part A+B+C+D of Price Bid: Service 1 + Comprehensive Maintenance (CMC)
Contract for 5 years

Pump Category	Rating	Service 2 Rates (Part A + B + C + D) - Nauru				
		Rotosol	Premier	Grundfos	Shakti (L2)	Refex (L-1)
AC Surface Agricultural Pumpsets	1 HP	N/A	N/A	N/A	\$7,009	\$3,860
	2 HP	N/A	N/A	N/A	\$7,737	\$4,598
	3 HP	N/A	N/A	N/A	\$10,330	\$5,579
	5 HP	N/A	N/A	N/A	\$11,772	\$6,644
	7.5 HP	N/A	N/A	N/A	\$14,934	\$8,594
	10 HP	N/A	N/A	N/A	\$18,567	\$10,520
AC SUBMERSIBLE PUMPSET	1 HP	N/A	N/A	N/A	\$7,789	\$3,675
	2 HP	N/A	N/A	N/A	\$8,844	\$4,413
	3 HP	N/A	N/A	N/A	\$11,490	\$5,418
	5 HP	N/A	N/A	N/A	\$13,397	\$6,602
	7.5 HP	N/A	N/A	N/A	\$17,962	\$8,680
	10 HP	N/A	N/A	N/A	\$21,294	\$10,627
DC Surface Agricultural Pumpsets	1 HP	N/A	N/A	N/A	\$7,245	\$4,031
	2 HP	N/A	N/A	N/A	\$8,011	\$4,838
	3 HP	N/A	N/A	N/A	\$10,740	\$5,853
	5 HP	N/A	N/A	N/A	\$12,259	\$6,969
	7.5 HP	N/A	N/A	N/A	\$15,588	\$8,600
	10 HP	N/A	N/A	N/A	\$19,412	\$10,940
DC SUMBERSIBLE PUMPSET	1 HP	N/A	N/A	N/A	\$8,068	\$3,828
	2 HP	N/A	N/A	N/A	\$9,178	\$4,499
	3 HP	N/A	N/A	N/A	\$11,962	\$5,495
	5 HP	N/A	N/A	N/A	\$13,970	\$6,667
	7.5 HP	N/A	N/A	N/A	\$18,774	\$9,062
	10 HP	N/A	N/A	N/A	\$22,282	\$11,072

Comparative Analysis:

As per the Bidding Document, rates of all the models for the following services were mandatory to be filled by the bidders in the Price Bid Table:

Service 1: Part A+B+C of Price Bid: Supply, Custom clearance, Local transportation, installation, testing and commissioning of complete system & services at Employer's site of Solar PV based Agricultural Pump Set system as specified in Annex-1: Material/Services to be offered

Pump Category	Rating	Service 1 Rates (Part A + B + C) - Niger				
		Rotosol (L-3)	Premier (L2)	Grundfos (L5)	Shakti (L4)	Refex (L-1)
AC Surface Agricultural Pumpsets	1 HP	\$2,765	\$2,748	\$12,202	\$6,142	\$2,058
	2 HP	\$3,465	\$3,448	\$12,887	\$6,730	\$2,405
	3 HP	\$5,276	\$5,250	\$14,179	\$8,824	\$3,263
	5 HP	\$7,840	\$7,814	\$19,133	\$9,988	\$4,205
	7.5 HP	\$9,975	\$9,958	\$22,270	\$12,543	\$6,024
	10 HP	\$12,119	\$12,101	\$25,356	\$15,477	\$7,803
AC SUBMERSIBLE PUMPSET	1 HP	\$3,063	\$3,045	\$11,657	\$6,772	\$1,881
	2 HP	\$4,086	\$4,069	\$12,096	\$7,624	\$2,230
	3 HP	\$5,276	\$5,259	\$13,792	\$9,761	\$3,111
	5 HP	\$7,840	\$7,823	\$19,048	\$11,301	\$4,166
	7.5 HP	\$9,975	\$9,958	\$22,026	\$14,988	\$6,105
	10 HP	\$12,119	\$12,093	\$25,749	\$17,679	\$7,905
DC Surface Agricultural Pumpsets	1 HP	\$2,765	\$2,748	\$12,202	\$6,333	\$2,216
	2 HP	\$3,465	\$3,448	\$12,887	\$6,951	\$2,634
	3 HP	\$5,276	\$5,259	\$14,179	\$9,155	\$3,524
	5 HP	\$7,840	\$7,823	\$19,554	\$10,382	\$4,514
	7.5 HP	\$9,975	\$9,975	\$22,270	\$13,071	\$6,029
	10 HP	\$12,119	\$12,093	\$25,963	\$16,160	\$8,202
DC SUMBERSIBLE PUMPSET	1 HP	\$3,063	\$3,045	\$11,657	\$6,997	\$2,023
	2 HP	\$4,086	\$4,060	\$12,096	\$7,893	\$2,312
	3 HP	\$5,276	\$5,250	\$13,477	\$10,142	\$3,183
	5 HP	\$7,840	\$7,823	\$18,609	\$11,764	\$4,227
	7.5 HP	\$9,975	\$9,958	\$21,162	\$15,644	\$6,468
	10 HP	\$12,119	\$12,093	\$24,284	\$18,477	\$8,328

Service 2:Part A+B+C+D of Price Bid: Service 1 + Comprehensive Maintenance (CMC)
Contract for 5 years

Pump Category	Rating	Service 2 Rates (Part A + B + C + D) - Niger				
		Rotosol (L-3)	Premier (L2)	Grundfos (L5)	Shakti (L4)	Refex (L-1)
AC Surface Agricultural Pumpsets	1 HP	\$3,397	\$3,376	\$16,540	\$6,836	\$2,658
	2 HP	\$4,257	\$4,236	\$17,225	\$7,536	\$3,039
	3 HP	\$6,482	\$6,450	\$18,517	\$10,029	\$3,982
	5 HP	\$9,632	\$9,600	\$23,953	\$11,415	\$5,021
	7.5 HP	\$12,255	\$12,234	\$27,572	\$14,456	\$7,024
	10 HP	\$14,889	\$14,867	\$30,658	\$17,949	\$8,981
AC SUBMERSIBLE PUMPSET	1 HP	\$3,763	\$3,741	\$15,995	\$7,586	\$2,472
	2 HP	\$5,020	\$4,999	\$16,434	\$8,600	\$2,854
	3 HP	\$6,482	\$6,461	\$18,130	\$11,144	\$3,821
	5 HP	\$9,632	\$9,611	\$23,868	\$12,978	\$4,979
	7.5 HP	\$12,255	\$12,234	\$27,328	\$17,367	\$7,110
	10 HP	\$14,889	\$14,857	\$31,051	\$20,571	\$9,088
DC Surface Agricultural Pumpsets	1 HP	\$3,397	\$3,376	\$16,540	\$7,063	\$2,824
	2 HP	\$4,257	\$4,236	\$17,225	\$7,799	\$3,279
	3 HP	\$6,482	\$6,461	\$18,517	\$10,423	\$4,256
	5 HP	\$9,632	\$9,611	\$24,374	\$11,884	\$5,346
	7.5 HP	\$12,255	\$12,255	\$27,572	\$15,085	\$7,030
	10 HP	\$14,889	\$14,857	\$31,265	\$18,762	\$9,400
DC SUMBERSIBLE PUMPSET	1 HP	\$3,763	\$3,741	\$15,995	\$7,854	\$2,621
	2 HP	\$5,020	\$4,988	\$16,434	\$8,921	\$2,941
	3 HP	\$6,482	\$6,450	\$17,815	\$11,598	\$3,898
	5 HP	\$9,632	\$9,611	\$23,429	\$13,529	\$5,044
	7.5 HP	\$12,255	\$12,234	\$26,464	\$18,148	\$7,492
	10 HP	\$14,889	\$14,857	\$29,586	\$21,521	\$9,533

Comparative Analysis:

As per the Bidding Document, rates of all the models for the following services were mandatory to be filled by the bidders in the Price Bid Table:

Service 1: Part A+B+C of Price Bid: Supply, Custom clearance, Local transportation, installation, testing and commissioning of complete system & services at Employer's site of Solar PV based Agricultural Pump Set system as specified in Annex-1: Material/Services to be offered

Pump Category	Rating	Service 1 Rates (Part A + B + C) - Peru				
		Rotosol	Premier	Grundfos (L3)	Shakti (L2)	Refex (L-1)
AC Surface Agricultural Pumpsets	1 HP	N/a	N/a	\$11,589	\$6,246	\$2,058
	2 HP	N/a	N/a	\$12,267	\$6,851	\$2,405
	3 HP	N/a	N/a	\$13,553	\$9,004	\$3,263
	5 HP	N/a	N/a	\$18,205	\$10,202	\$4,205
	7.5 HP	N/a	N/a	\$21,319	\$12,830	\$6,024
	10 HP	N/a	N/a	\$24,396	\$15,848	\$7,803
AC SUBMERSIBLE PUMPSET	1 HP	N/a	N/a	\$11,048	\$6,894	\$1,881
	2 HP	N/a	N/a	\$11,482	\$7,771	\$2,230
	3 HP	N/a	N/a	\$13,168	\$9,969	\$3,111
	5 HP	N/a	N/a	\$18,128	\$11,552	\$4,166
	7.5 HP	N/a	N/a	\$21,085	\$15,345	\$6,105
	10 HP	N/a	N/a	\$24,784	\$18,113	\$7,905
DC Surface Agricultural Pumpsets	1 HP	N/a	N/a	\$11,589	\$6,442	\$2,216
	2 HP	N/a	N/a	\$12,267	\$7,079	\$2,634
	3 HP	N/a	N/a	\$13,553	\$9,346	\$3,524
	5 HP	N/a	N/a	\$18,622	\$10,607	\$4,514
	7.5 HP	N/a	N/a	\$21,319	\$13,373	\$6,029
	10 HP	N/a	N/a	\$24,984	\$16,550	\$8,202
DC SUMBERSIBLE PUMPSET	1 HP	N/a	N/a	\$11,048	\$7,125	\$2,023
	2 HP	N/a	N/a	\$11,482	\$8,047	\$2,312
	3 HP	N/a	N/a	\$12,856	\$10,361	\$3,183
	5 HP	N/a	N/a	\$17,693	\$12,028	\$4,227
	7.5 HP	N/a	N/a	\$20,230	\$16,020	\$6,468
	10 HP	N/a	N/a	\$23,334	\$18,934	\$8,328

Service 2:Part A+B+C+D of Price Bid: Service 1 + Comprehensive Maintenance (CMC)
Contract for 5 years

Pump Category	Rating	Service 2 Rates (Part A + B + C + D) - Peru				
		Rotosol	Premier	Grundfos (L5)	Shakti (L4)	Refex (L-1)
AC Surface Agricultural Pumpsets	1 HP	N/a	N/a	\$14,926	\$6,940	\$2,658
	2 HP	N/a	N/a	\$15,604	\$7,657	\$3,039
	3 HP	N/a	N/a	\$16,890	\$10,209	\$3,982
	5 HP	N/a	N/a	\$21,913	\$11,629	\$5,021
	7.5 HP	N/a	N/a	\$25,398	\$14,743	\$7,024
	10 HP	N/a	N/a	\$28,475	\$18,320	\$8,981
AC SUBMERSIBLE PUMPSET	1 HP	N/a	N/a	\$14,385	\$7,708	\$2,472
	2 HP	N/a	N/a	\$14,819	\$8,747	\$2,854
	3 HP	N/a	N/a	\$16,505	\$11,352	\$3,821
	5 HP	N/a	N/a	\$21,836	\$13,229	\$4,979
	7.5 HP	N/a	N/a	\$25,164	\$17,724	\$7,110
	10 HP	N/a	N/a	\$28,863	\$21,005	\$9,088
DC Surface Agricultural Pumpsets	1 HP	N/a	N/a	\$14,926	\$7,172	\$2,824
	2 HP	N/a	N/a	\$15,604	\$7,927	\$3,279
	3 HP	N/a	N/a	\$16,890	\$10,614	\$4,256
	5 HP	N/a	N/a	\$22,330	\$12,109	\$5,346
	7.5 HP	N/a	N/a	\$25,398	\$15,387	\$7,030
	10 HP	N/a	N/a	\$29,063	\$19,152	\$9,400
DC SUMBERSIBLE PUMPSET	1 HP	N/a	N/a	\$14,385	\$7,982	\$2,621
	2 HP	N/a	N/a	\$14,819	\$9,075	\$2,941
	3 HP	N/a	N/a	\$16,193	\$11,817	\$3,898
	5 HP	N/a	N/a	\$21,401	\$13,793	\$5,044
	7.5 HP	N/a	N/a	\$24,309	\$18,524	\$7,492
	10 HP	N/a	N/a	\$27,413	\$21,978	\$9,533

Comparative Analysis:

As per the Bidding Document, rates of all the models for the following services were mandatory to be filled by the bidders in the Price Bid Table:

Service 1: Part A+B+C of Price Bid: Supply, Custom clearance, Local transportation, installation, testing and commissioning of complete system & services at Employer's site of Solar PV based Agricultural Pump Set system as specified in Annex-1: Material/Services to be offered

Pump Category	Rating	Service 1 Rates (Part A + B + C) - Senegal				
		Rotosol (L3)	Premier (L2)	Grundfos (L5)	Shakti (L4)	Refex (L-1)
AC Surface Agricultural Pumpsets	1 HP	\$2,765	\$2,748	\$11,627	\$6,246	\$2,058
	2 HP	\$3,465	\$3,448	\$12,306	\$6,851	\$2,405
	3 HP	\$5,276	\$5,250	\$13,592	\$9,004	\$3,263
	5 HP	\$7,840	\$7,814	\$18,262	\$10,202	\$4,205
	7.5 HP	\$9,975	\$9,958	\$21,379	\$12,830	\$6,024
	10 HP	\$12,119	\$12,101	\$24,456	\$15,848	\$7,803
AC SUBMERSIBLE PUMPSET	1 HP	\$3,063	\$3,045	\$11,085	\$6,894	\$1,881
	2 HP	\$4,086	\$4,069	\$11,520	\$7,771	\$2,230
	3 HP	\$5,276	\$5,259	\$13,207	\$9,969	\$3,111
	5 HP	\$7,840	\$7,823	\$18,185	\$11,552	\$4,166
	7.5 HP	\$9,975	\$9,958	\$21,144	\$15,345	\$6,105
	10 HP	\$12,119	\$12,093	\$24,845	\$18,113	\$7,905
DC Surface Agricultural Pumpsets	1 HP	\$2,765	\$2,748	\$11,627	\$6,442	\$2,216
	2 HP	\$3,465	\$3,448	\$12,306	\$7,079	\$2,634
	3 HP	\$5,276	\$5,259	\$13,592	\$9,346	\$3,524
	5 HP	\$7,840	\$7,823	\$18,679	\$10,607	\$4,514
	7.5 HP	\$9,975	\$9,975	\$21,379	\$13,373	\$6,029
	10 HP	\$12,119	\$12,093	\$25,045	\$16,550	\$8,202
DC SUMBERSIBLE PUMPSET	1 HP	\$3,063	\$3,045	\$11,085	\$7,125	\$2,023
	2 HP	\$4,086	\$4,060	\$11,520	\$8,047	\$2,312
	3 HP	\$5,276	\$5,250	\$12,895	\$10,361	\$3,183
	5 HP	\$7,840	\$7,823	\$17,750	\$12,028	\$4,227
	7.5 HP	\$9,975	\$9,958	\$20,289	\$16,020	\$6,468
	10 HP	\$12,119	\$12,093	\$23,394	\$18,934	\$8,328

Service 2:Part A+B+C+D of Price Bid: Service 1 + Comprehensive Maintenance (CMC)
Contract for 5 years

Pump Category	Rating	Service 2 Rates (Part A + B + C + D) - Senegal				
		Rotosol (L3)	Premier (L2)	Grundfos (L5)	Shakti (L4)	Refex (L-1)
AC Surface Agricultural Pumpsets	1 HP	\$3,397	\$3,376	\$14,408	\$6,940	\$2,658
	2 HP	\$4,257	\$4,236	\$15,087	\$7,657	\$3,039
	3 HP	\$6,482	\$6,450	\$16,373	\$10,209	\$3,982
	5 HP	\$9,632	\$9,600	\$21,352	\$11,629	\$5,021
	7.5 HP	\$12,255	\$12,234	\$24,778	\$14,743	\$7,024
	10 HP	\$14,889	\$14,867	\$27,855	\$18,320	\$8,981
AC SUBMERSIBLE PUMPSET	1 HP	\$3,763	\$3,741	\$13,866	\$7,708	\$2,472
	2 HP	\$5,020	\$4,999	\$14,301	\$8,747	\$2,854
	3 HP	\$6,482	\$6,461	\$15,988	\$11,352	\$3,821
	5 HP	\$9,632	\$9,611	\$21,275	\$13,229	\$4,979
	7.5 HP	\$12,255	\$12,234	\$24,543	\$17,724	\$7,110
	10 HP	\$14,889	\$14,857	\$28,244	\$21,005	\$9,088
DC Surface Agricultural Pumpsets	1 HP	\$3,397	\$3,376	\$14,408	\$7,172	\$2,824
	2 HP	\$4,257	\$4,236	\$15,087	\$7,927	\$3,279
	3 HP	\$6,482	\$6,461	\$16,373	\$10,614	\$4,256
	5 HP	\$9,632	\$9,611	\$21,769	\$12,109	\$5,346
	7.5 HP	\$12,255	\$12,255	\$24,778	\$15,387	\$7,030
	10 HP	\$14,889	\$14,857	\$28,444	\$19,152	\$9,400
DC SUMBERSIBLE PUMPSET	1 HP	\$3,763	\$3,741	\$13,866	\$7,982	\$2,621
	2 HP	\$5,020	\$4,988	\$14,301	\$9,075	\$2,941
	3 HP	\$6,482	\$6,450	\$15,676	\$11,817	\$3,898
	5 HP	\$9,632	\$9,611	\$20,840	\$13,793	\$5,044
	7.5 HP	\$12,255	\$12,234	\$23,688	\$18,524	\$7,492
	10 HP	\$14,889	\$14,857	\$26,793	\$21,978	\$9,533

Comparative Analysis:

As per the Bidding Document, rates of all the models for the following services were mandatory to be filled by the bidders in the Price Bid Table:

Service 1: Part A+B+C of Price Bid: Supply, Custom clearance, Local transportation, installation, testing and commissioning of complete system & services at Employer's site of Solar PV based Agricultural Pump Set system as specified in Annex-1: Material/Services to be offered

Pump Category	Rating	Service 1 Rates (Part A + B + C) - Somalia				
		Rotosol	Premier	Grundfos	Shakti	Refex
AC Surface Agricultural Pumpsets	1 HP	N/a	N/a	N/a	\$6,315	N/a
	2 HP	N/a	N/a	N/a	\$6,931	N/a
	3 HP	N/a	N/a	N/a	\$9,125	N/a
	5 HP	N/a	N/a	N/a	\$10,345	N/a
	7.5 HP	N/a	N/a	N/a	\$13,021	N/a
	10 HP	N/a	N/a	N/a	\$16,095	N/a
AC SUBMERSIBLE PUMPSET	1 HP	N/a	N/a	N/a	\$6,975	N/a
	2 HP	N/a	N/a	N/a	\$7,868	N/a
	3 HP	N/a	N/a	N/a	\$10,107	N/a
	5 HP	N/a	N/a	N/a	\$11,720	N/a
	7.5 HP	N/a	N/a	N/a	\$15,583	N/a
	10 HP	N/a	N/a	N/a	\$18,402	N/a
DC Surface Agricultural Pumpsets	1 HP	N/a	N/a	N/a	\$6,515	N/a
	2 HP	N/a	N/a	N/a	\$7,163	N/a
	3 HP	N/a	N/a	N/a	\$9,472	N/a
	5 HP	N/a	N/a	N/a	\$10,757	N/a
	7.5 HP	N/a	N/a	N/a	\$13,574	N/a
	10 HP	N/a	N/a	N/a	\$16,810	N/a
DC SUMBERSIBLE PUMPSET	1 HP	N/a	N/a	N/a	\$7,211	N/a
	2 HP	N/a	N/a	N/a	\$8,150	N/a
	3 HP	N/a	N/a	N/a	\$10,506	N/a
	5 HP	N/a	N/a	N/a	\$12,205	N/a
	7.5 HP	N/a	N/a	N/a	\$16,270	N/a
	10 HP	N/a	N/a	N/a	\$19,238	N/a

Service 2:Part A+B+C+D of Price Bid: Service 1 + Comprehensive Maintenance (CMC)
Contract for 5 years

Pump Category	Rating	Service 2 Rates (Part A + B + C + D) - Somalia				
		Rotosol	Premier	Grundfos	Shakti	Refex
AC Surface Agricultural Pumpsets	1 HP	N/a	N/a	N/a	\$7,009	N/a
	2 HP	N/a	N/a	N/a	\$7,737	N/a
	3 HP	N/a	N/a	N/a	\$10,330	N/a
	5 HP	N/a	N/a	N/a	\$11,772	N/a
	7.5 HP	N/a	N/a	N/a	\$14,934	N/a
	10 HP	N/a	N/a	N/a	\$18,567	N/a
AC SUBMERSIBLE PUMPSET	1 HP	N/a	N/a	N/a	\$7,789	N/a
	2 HP	N/a	N/a	N/a	\$8,844	N/a
	3 HP	N/a	N/a	N/a	\$11,490	N/a
	5 HP	N/a	N/a	N/a	\$13,397	N/a
	7.5 HP	N/a	N/a	N/a	\$17,962	N/a
	10 HP	N/a	N/a	N/a	\$21,294	N/a
DC Surface Agricultural Pumpsets	1 HP	N/a	N/a	N/a	\$7,245	N/a
	2 HP	N/a	N/a	N/a	\$8,011	N/a
	3 HP	N/a	N/a	N/a	\$10,740	N/a
	5 HP	N/a	N/a	N/a	\$12,259	N/a
	7.5 HP	N/a	N/a	N/a	\$15,588	N/a
	10 HP	N/a	N/a	N/a	\$19,412	N/a
DC SUBMERSIBLE PUMPSET	1 HP	N/a	N/a	N/a	\$8,068	N/a
	2 HP	N/a	N/a	N/a	\$9,178	N/a
	3 HP	N/a	N/a	N/a	\$11,962	N/a
	5 HP	N/a	N/a	N/a	\$13,970	N/a
	7.5 HP	N/a	N/a	N/a	\$18,774	N/a
	10 HP	N/a	N/a	N/a	\$22,282	N/a

Comparative Analysis:

As per the Bidding Document, rates of all the models for the following services were mandatory to be filled by the bidders in the Price Bid Table:

Service 1: Part A+B+C of Price Bid: Supply, Custom clearance, Local transportation, installation, testing and commissioning of complete system & services at Employer's site of Solar PV based Agricultural Pump Set system as specified in Annex-1: Material/Services to be offered

Pump Category	Rating	Service 1 Rates (Part A + B + C) –South Sudan				
		Rotosol (L-3)	Premier (L-2)	Grundfos (L-5)	Shakti (L-4)	Refex (L-1)
AC Surface Agricultural Pumpsets	1 HP	\$2,765	\$2,748	\$12,676	\$6,211	\$2,125
	2 HP	\$3,465	\$3,448	\$13,369	\$6,810	\$2,425
	3 HP	\$5,276	\$5,250	\$14,616	\$8,944	\$3,256
	5 HP	\$7,840	\$7,814	\$19,860	\$10,131	\$4,157
	7.5 HP	\$9,975	\$9,958	\$22,941	\$12,734	\$5,919
	10 HP	\$12,119	\$12,101	\$25,860	\$15,725	\$7,637
AC SUBMERSIBLE PUMPSET	1 HP	\$3,063	\$3,045	\$12,140	\$6,853	\$1,949
	2 HP	\$4,086	\$4,069	\$12,583	\$7,722	\$2,250
	3 HP	\$5,276	\$5,259	\$14,239	\$9,900	\$3,103
	5 HP	\$7,840	\$7,823	\$19,704	\$11,468	\$4,117
	7.5 HP	\$9,975	\$9,958	\$22,625	\$15,226	\$6,000
	10 HP	\$12,119	\$12,093	\$26,271	\$17,968	\$7,739
DC Surface Agricultural Pumpsets	1 HP	\$2,765	\$2,748	\$12,676	\$6,406	\$2,288
	2 HP	\$3,465	\$3,448	\$13,369	\$7,036	\$2,653
	3 HP	\$5,276	\$5,259	\$14,616	\$9,282	\$3,517
	5 HP	\$7,840	\$7,823	\$20,285	\$10,532	\$4,466
	7.5 HP	\$9,975	\$9,975	\$22,941	\$13,272	\$5,924
	10 HP	\$12,119	\$12,093	\$26,585	\$16,420	\$8,036
DC SUMBERSIBLE PUMPSET	1 HP	\$3,063	\$3,045	\$12,140	\$7,082	\$2,095
	2 HP	\$4,086	\$4,060	\$12,583	\$7,996	\$2,332
	3 HP	\$5,276	\$5,250	\$13,922	\$10,288	\$3,176
	5 HP	\$7,840	\$7,823	\$19,260	\$11,940	\$4,179
	7.5 HP	\$9,975	\$9,958	\$21,753	\$15,895	\$6,364
	10 HP	\$12,119	\$12,093	\$24,792	\$18,782	\$8,162

**Service 2:Part A+B+C+D of Price Bid: Service 1 + Comprehensive Maintenance (CMC)
Contract for 5 years**

Pump Category	Rating	Service 2 Rates (Part A + B + C + D) –South Sudan				
		Rotosol (L-3)	Premier (L-2)	Grundfos (L-5)	Shakti (L-4)	Refex (L-1)
AC Surface Agricultural Pumpsets	1 HP	\$3,397	\$3,376	\$16,347	\$6,905	\$2,730
	2 HP	\$4,257	\$4,236	\$17,040	\$7,616	\$3,060
	3 HP	\$6,482	\$6,450	\$18,287	\$10,149	\$3,974
	5 HP	\$9,632	\$9,600	\$23,939	\$11,558	\$4,969
	7.5 HP	\$12,255	\$12,234	\$27,428	\$14,647	\$6,913
	10 HP	\$14,889	\$14,867	\$30,347	\$18,197	\$8,804
AC SUBMERSIBLE PUMPSET	1 HP	\$3,763	\$3,741	\$15,811	\$7,667	\$2,544
	2 HP	\$5,020	\$4,999	\$16,254	\$8,698	\$2,875
	3 HP	\$6,482	\$6,461	\$17,910	\$11,283	\$3,814
	5 HP	\$9,632	\$9,611	\$23,783	\$13,145	\$4,927
	7.5 HP	\$12,255	\$12,234	\$27,112	\$17,605	\$6,998
	10 HP	\$14,889	\$14,857	\$30,758	\$20,860	\$8,911
DC Surface Agricultural Pumpsets	1 HP	\$3,397	\$3,376	\$16,347	\$7,136	\$2,901
	2 HP	\$4,257	\$4,236	\$17,040	\$7,884	\$3,300
	3 HP	\$6,482	\$6,461	\$18,287	\$10,550	\$4,249
	5 HP	\$9,632	\$9,611	\$24,364	\$12,034	\$5,294
	7.5 HP	\$12,255	\$12,255	\$27,428	\$15,286	\$6,918
	10 HP	\$14,889	\$14,857	\$31,072	\$19,022	\$9,224
DC SUMBERSIBLE PUMPSET	1 HP	\$3,763	\$3,741	\$15,811	\$7,939	\$2,698
	2 HP	\$5,020	\$4,988	\$16,254	\$9,024	\$2,962
	3 HP	\$6,482	\$6,450	\$17,593	\$11,744	\$3,890
	5 HP	\$9,632	\$9,611	\$23,339	\$13,705	\$4,992
	7.5 HP	\$12,255	\$12,234	\$26,240	\$18,399	\$7,380
	10 HP	\$14,889	\$14,857	\$29,279	\$21,826	\$9,356

Comparative Analysis:

As per the Bidding Document, rates of all the models for the following services were mandatory to be filled by the bidders in the Price Bid Table:

Service 1: Part A+B+C of Price Bid: Supply, Custom clearance, Local transportation, installation, testing and commissioning of complete system & services at Employer's site of Solar PV based Agricultural Pump Set system as specified in Annex-1: Material/Services to be offered

Pump Category	Rating	Service 1 Rates (Part A + B + C) – Sri Lanka				
		Rotosol (L-3)	Premier (L-2)	Grundfos (L-5)	Shakti (L-4)	Refex (L-1)
AC Surface Agricultural Pumpsets	1 HP	\$2,370	\$2,356	\$11,247	\$6,246	\$2,026
	2 HP	\$2,970	\$2,956	\$11,926	\$6,851	\$2,358
	3 HP	\$4,522	\$4,500	\$13,042	\$9,004	\$3,186
	5 HP	\$6,720	\$6,698	\$17,712	\$10,202	\$4,083
	7.5 HP	\$8,550	\$8,536	\$20,575	\$12,830	\$5,838
	10 HP	\$10,388	\$10,372	\$23,060	\$15,848	\$7,555
AC SUBMERSIBLE PUMPSET	1 HP	\$2,626	\$2,610	\$10,747	\$6,894	\$1,849
	2 HP	\$3,502	\$3,488	\$11,182	\$7,771	\$2,183
	3 HP	\$4,522	\$4,508	\$12,699	\$9,969	\$3,033
	5 HP	\$6,720	\$6,706	\$17,423	\$11,552	\$4,043
	7.5 HP	\$8,550	\$8,536	\$20,129	\$15,345	\$5,919
	10 HP	\$10,388	\$10,366	\$23,492	\$18,113	\$7,657
DC Surface Agricultural Pumpsets	1 HP	\$2,370	\$2,356	\$11,247	\$6,442	\$2,188
	2 HP	\$2,970	\$2,956	\$11,926	\$7,079	\$2,587
	3 HP	\$4,522	\$4,508	\$13,042	\$9,346	\$3,447
	5 HP	\$6,720	\$6,706	\$18,129	\$10,607	\$4,392
	7.5 HP	\$8,550	\$8,550	\$20,575	\$13,373	\$5,843
	10 HP	\$10,388	\$10,366	\$23,988	\$16,550	\$7,955
DC SUMBERSIBLE PUMPSET	1 HP	\$2,626	\$2,610	\$10,747	\$7,125	\$1,995
	2 HP	\$3,502	\$3,480	\$11,182	\$8,047	\$2,265
	3 HP	\$4,522	\$4,500	\$12,387	\$10,361	\$3,106
	5 HP	\$6,720	\$6,706	\$16,988	\$12,028	\$4,105
	7.5 HP	\$8,550	\$8,536	\$19,274	\$16,020	\$6,282
	10 HP	\$10,388	\$10,366	\$22,041	\$18,934	\$8,080

**Service 2:Part A+B+C+D of Price Bid: Service 1 + Comprehensive Maintenance (CMC)
Contract for 5 years**

Pump Category	Rating	Service 2 Rates (Part A + B + C + D) - Sri Lanka				
		Rotosol (L-3)	Premier (L-2)	Grundfos (L-5)	Shakti (L-4)	Refex (L-1)
AC Surface Agricultural Pumpsets	1 HP	\$2,765	\$2,749	\$14,028	\$6,940	\$2,624
	2 HP	\$3,465	\$3,449	\$14,707	\$7,657	\$2,989
	3 HP	\$5,276	\$5,250	\$15,823	\$10,209	\$3,899
	5 HP	\$7,840	\$7,814	\$20,802	\$11,629	\$4,890
	7.5 HP	\$9,975	\$9,959	\$23,974	\$14,743	\$6,826
	10 HP	\$12,119	\$12,101	\$26,459	\$18,320	\$8,717
AC SUBMERSIBLE PUMPSET	1 HP	\$3,064	\$3,045	\$13,528	\$7,708	\$2,438
	2 HP	\$4,086	\$4,069	\$13,963	\$8,747	\$2,804
	3 HP	\$5,276	\$5,259	\$15,480	\$11,352	\$3,739
	5 HP	\$7,840	\$7,824	\$20,513	\$13,229	\$4,849
	7.5 HP	\$9,975	\$9,959	\$23,528	\$17,724	\$6,912
	10 HP	\$12,119	\$12,094	\$26,891	\$21,005	\$8,824
DC Surface Agricultural Pumpsets	1 HP	\$2,765	\$2,749	\$14,028	\$7,172	\$2,795
	2 HP	\$3,465	\$3,449	\$14,707	\$7,927	\$3,229
	3 HP	\$5,276	\$5,259	\$15,823	\$10,614	\$4,174
	5 HP	\$7,840	\$7,824	\$21,219	\$12,109	\$5,215
	7.5 HP	\$9,975	\$9,975	\$23,974	\$15,387	\$6,832
	10 HP	\$12,119	\$12,094	\$27,387	\$19,152	\$9,137
DC SUMBERSIBLE PUMPSET	1 HP	\$3,064	\$3,045	\$13,528	\$7,982	\$2,592
	2 HP	\$4,086	\$4,060	\$13,963	\$9,075	\$2,891
	3 HP	\$5,276	\$5,250	\$15,168	\$11,817	\$3,815
	5 HP	\$7,840	\$7,824	\$20,078	\$13,793	\$4,913
	7.5 HP	\$9,975	\$9,959	\$22,673	\$18,524	\$7,294
	10 HP	\$12,119	\$12,094	\$25,440	\$21,978	\$9,269

Comparative Analysis:

As per the Bidding Document, rates of all the models for the following services were mandatory to be filled by the bidders in the Price Bid Table:

Service 1: Part A+B+C of Price Bid: Supply, Custom clearance, Local transportation, installation, testing and commissioning of complete system & services at Employer's site of Solar PV based Agricultural Pump Set system as specified in Annex-1: Material/Services to be offered

Pump Category	Rating	Service 1 Rates (Part A + B + C) –Sudan				
		Rotosol (L-3)	Premier (L-2)	Grundfos (L-5)	Shakti (L-4)	Refex (L-1)
AC Surface Agricultural Pumpsets	1 HP	\$2,765	\$2,748	\$12,676	\$6,142	\$2,166
	2 HP	\$3,465	\$3,448	\$13,369	\$6,730	\$2,474
	3 HP	\$5,276	\$5,250	\$14,616	\$8,824	\$3,338
	5 HP	\$7,840	\$7,814	\$19,860	\$9,988	\$4,241
	7.5 HP	\$9,975	\$9,958	\$22,941	\$12,543	\$6,008
	10 HP	\$12,119	\$12,101	\$25,860	\$15,477	\$7,726
AC SUBMERSIBLE PUMPSET	1 HP	\$3,063	\$3,045	\$12,140	\$6,772	\$1,989
	2 HP	\$4,086	\$4,069	\$12,583	\$7,624	\$2,299
	3 HP	\$5,276	\$5,259	\$14,239	\$9,761	\$3,185
	5 HP	\$7,840	\$7,823	\$19,704	\$11,301	\$4,201
	7.5 HP	\$9,975	\$9,958	\$22,625	\$14,988	\$6,089
	10 HP	\$12,119	\$12,093	\$26,271	\$17,679	\$7,828
DC Surface Agricultural Pumpsets	1 HP	\$2,765	\$2,748	\$12,676	\$6,333	\$2,329
	2 HP	\$3,465	\$3,448	\$13,369	\$6,951	\$2,703
	3 HP	\$5,276	\$5,259	\$14,616	\$9,155	\$3,599
	5 HP	\$7,840	\$7,823	\$20,285	\$10,382	\$4,550
	7.5 HP	\$9,975	\$9,975	\$22,941	\$13,071	\$6,013
	10 HP	\$12,119	\$12,093	\$26,585	\$16,160	\$8,125
DC SUMBERSIBLE PUMPSET	1 HP	\$3,063	\$3,045	\$12,140	\$6,997	\$2,136
	2 HP	\$4,086	\$4,060	\$12,583	\$7,893	\$2,381
	3 HP	\$5,276	\$5,250	\$13,922	\$10,142	\$3,258
	5 HP	\$7,840	\$7,823	\$19,260	\$11,764	\$4,263
	7.5 HP	\$9,975	\$9,958	\$21,753	\$15,644	\$6,453
	10 HP	\$12,119	\$12,093	\$24,792	\$18,477	\$8,251

Service 2:Part A+B+C+D of Price Bid: Service 1 + Comprehensive Maintenance (CMC)
Contract for 5 years

Pump Category	Rating	Service 2 Rates (Part A + B + C + D) –Sudan				
		Rotosol (L-3)	Premier (L-2)	Grundfos (L-5)	Shakti (L-4)	Refex (L-1)
AC Surface Agricultural Pumpsets	1 HP	\$3,397	\$3,376	\$17,014	\$6,836	\$2,774
	2 HP	\$4,257	\$4,236	\$17,707	\$7,536	\$3,112
	3 HP	\$6,482	\$6,450	\$18,954	\$10,029	\$4,061
	5 HP	\$9,632	\$9,600	\$24,680	\$11,415	\$5,058
	7.5 HP	\$12,255	\$12,234	\$28,243	\$14,456	\$7,008
	10 HP	\$14,889	\$14,867	\$31,162	\$17,949	\$8,899
AC SUBMERSIBLE PUMPSET	1 HP	\$3,763	\$3,741	\$16,478	\$7,586	\$2,588
	2 HP	\$5,020	\$4,999	\$16,921	\$8,600	\$2,928
	3 HP	\$6,482	\$6,461	\$18,577	\$11,144	\$3,901
	5 HP	\$9,632	\$9,611	\$24,524	\$12,978	\$5,016
	7.5 HP	\$12,255	\$12,234	\$27,927	\$17,367	\$7,093
	10 HP	\$14,889	\$14,857	\$31,573	\$20,571	\$9,006
DC Surface Agricultural Pumpsets	1 HP	\$3,397	\$3,376	\$17,014	\$7,063	\$2,945
	2 HP	\$4,257	\$4,236	\$17,707	\$7,799	\$3,352
	3 HP	\$6,482	\$6,461	\$18,954	\$10,423	\$4,336
	5 HP	\$9,632	\$9,611	\$25,105	\$11,884	\$5,383
	7.5 HP	\$12,255	\$12,255	\$28,243	\$15,085	\$7,013
	10 HP	\$14,889	\$14,857	\$31,887	\$18,762	\$9,319
DC SUMBERSIBLE PUMPSET	1 HP	\$3,763	\$3,741	\$16,478	\$7,854	\$2,742
	2 HP	\$5,020	\$4,988	\$16,921	\$8,921	\$3,014
	3 HP	\$6,482	\$6,450	\$18,260	\$11,598	\$3,977
	5 HP	\$9,632	\$9,611	\$24,080	\$13,529	\$5,081
	7.5 HP	\$12,255	\$12,234	\$27,055	\$18,148	\$7,475
	10 HP	\$14,889	\$14,857	\$30,094	\$21,521	\$9,451

Comparative Analysis:

As per the Bidding Document, rates of all the models for the following services were mandatory to be filled by the bidders in the Price Bid Table:

Service 1: Part A+B+C of Price Bid: Supply, Custom clearance, Local transportation, installation, testing and commissioning of complete system & services at Employer's site of Solar PV based Agricultural Pump Set system as specified in Annex-1: Material/Services to be offered

Pump Category	Rating	Service 1 Rates (Part A + B + C) -Togo				
		Rotosol (L-3)	Premier (L-2)	Grundfos (L-5)	Shakti (L-4)	Refex (L-1)
AC Surface Agricultural Pumpsets	1 HP	\$2,765	\$2,748	\$11,664	\$6,246	\$2,058
	2 HP	\$3,465	\$3,448	\$12,344	\$6,851	\$2,405
	3 HP	\$5,276	\$5,250	\$13,640	\$9,004	\$3,263
	5 HP	\$7,840	\$7,814	\$18,316	\$10,202	\$4,205
	7.5 HP	\$9,975	\$9,958	\$21,449	\$12,830	\$6,024
	10 HP	\$12,119	\$12,101	\$24,566	\$15,848	\$7,803
AC SUBMERSIBLE PUMPSET	1 HP	\$3,063	\$3,045	\$11,120	\$6,894	\$1,881
	2 HP	\$4,086	\$4,069	\$11,555	\$7,771	\$2,230
	3 HP	\$5,276	\$5,259	\$13,252	\$9,969	\$3,111
	5 HP	\$7,840	\$7,823	\$18,254	\$11,552	\$4,166
	7.5 HP	\$9,975	\$9,958	\$21,229	\$15,345	\$6,105
	10 HP	\$12,119	\$12,093	\$24,952	\$18,113	\$7,905
DC Surface Agricultural Pumpsets	1 HP	\$2,765	\$2,748	\$11,664	\$6,442	\$2,216
	2 HP	\$3,465	\$3,448	\$12,344	\$7,079	\$2,634
	3 HP	\$5,276	\$5,259	\$13,640	\$9,346	\$3,524
	5 HP	\$7,840	\$7,823	\$18,734	\$10,607	\$4,514
	7.5 HP	\$9,975	\$9,975	\$21,449	\$13,373	\$6,029
	10 HP	\$12,119	\$12,093	\$25,134	\$16,550	\$8,202
DC SUMBERSIBLE PUMPSET	1 HP	\$3,063	\$3,045	\$11,120	\$7,125	\$2,023
	2 HP	\$4,086	\$4,060	\$11,555	\$8,047	\$2,312
	3 HP	\$5,276	\$5,250	\$12,940	\$10,361	\$3,183
	5 HP	\$7,840	\$7,823	\$17,818	\$12,028	\$4,227
	7.5 HP	\$9,975	\$9,958	\$20,373	\$16,020	\$6,468
	10 HP	\$12,119	\$12,093	\$23,501	\$18,934	\$8,328

Service 2:Part A+B+C+D of Price Bid: Service 1 + Comprehensive Maintenance (CMC)
Contract for 5 years

Pump Category	Rating	Service 2 Rates (Part A + B + C + D) -Togo				
		Rotosol (L-3)	Premier (L-2)	Grundfos (L-5)	Shakti (L-4)	Refex (L-1)
AC Surface Agricultural Pumpsets	1 HP	\$3,397	\$3,376	\$15,335	\$6,940	\$2,658
	2 HP	\$4,257	\$4,236	\$16,015	\$7,657	\$3,039
	3 HP	\$6,482	\$6,450	\$17,311	\$10,209	\$3,982
	5 HP	\$9,632	\$9,600	\$22,395	\$11,629	\$5,021
	7.5 HP	\$12,255	\$12,234	\$25,936	\$14,743	\$7,024
	10 HP	\$14,889	\$14,867	\$29,053	\$18,320	\$8,981
AC SUBMERSIBLE PUMPSET	1 HP	\$3,763	\$3,741	\$14,791	\$7,708	\$2,472
	2 HP	\$5,020	\$4,999	\$15,226	\$8,747	\$2,854
	3 HP	\$6,482	\$6,461	\$16,923	\$11,352	\$3,821
	5 HP	\$9,632	\$9,611	\$22,333	\$13,229	\$4,979
	7.5 HP	\$12,255	\$12,234	\$25,716	\$17,724	\$7,110
	10 HP	\$14,889	\$14,857	\$29,439	\$21,005	\$9,088
DC Surface Agricultural Pumpsets	1 HP	\$3,397	\$3,376	\$15,335	\$7,172	\$2,824
	2 HP	\$4,257	\$4,236	\$16,015	\$7,927	\$3,279
	3 HP	\$6,482	\$6,461	\$17,311	\$10,614	\$4,256
	5 HP	\$9,632	\$9,611	\$22,813	\$12,109	\$5,346
	7.5 HP	\$12,255	\$12,255	\$25,936	\$15,387	\$7,030
	10 HP	\$14,889	\$14,857	\$29,621	\$19,152	\$9,400
DC SUMBERSIBLE PUMPSET	1 HP	\$3,763	\$3,741	\$14,791	\$7,982	\$2,621
	2 HP	\$5,020	\$4,988	\$15,226	\$9,075	\$2,941
	3 HP	\$6,482	\$6,450	\$16,611	\$11,817	\$3,898
	5 HP	\$9,632	\$9,611	\$21,897	\$13,793	\$5,044
	7.5 HP	\$12,255	\$12,234	\$24,860	\$18,524	\$7,492
	10 HP	\$14,889	\$14,857	\$27,988	\$21,978	\$9,533

Comparative Analysis:

As per the Bidding Document, rates of all the models for the following services were mandatory to be filled by the bidders in the Price Bid Table:

Service 1: Part A+B+C of Price Bid: Supply, Custom clearance, Local transportation, installation, testing and commissioning of complete system & services at Employer's site of Solar PV based Agricultural Pump Set system as specified in Annex-1: Material/Services to be offered

Pump Category	Rating	Service 1 Rates (Part A + B + C) –Tonga				
		Rotosol	Premier	Grundfos	Shakti (L-2)	Refex (L-1)
AC Surface Agricultural Pumpsets	1 HP	NA	NA	NA	\$6,315	\$3,220
	2 HP	NA	NA	NA	\$6,931	\$3,919
	3 HP	NA	NA	NA	\$9,125	\$4,768
	5 HP	NA	NA	NA	\$10,345	\$5,685
	7.5 HP	NA	NA	NA	\$13,021	\$7,337
	10 HP	NA	NA	NA	\$16,095	\$8,978
AC SUBMERSIBLE PUMPSET	1 HP	NA	NA	NA	\$6,975	\$3,055
	2 HP	NA	NA	NA	\$7,868	\$3,755
	3 HP	NA	NA	NA	\$10,107	\$4,625
	5 HP	NA	NA	NA	\$11,720	\$5,648
	7.5 HP	NA	NA	NA	\$15,583	\$7,413
	10 HP	NA	NA	NA	\$18,402	\$9,074
DC Surface Agricultural Pumpsets	1 HP	NA	NA	NA	\$6,515	\$3,372
	2 HP	NA	NA	NA	\$7,163	\$4,133
	3 HP	NA	NA	NA	\$9,472	\$5,012
	5 HP	NA	NA	NA	\$10,757	\$5,975
	7.5 HP	NA	NA	NA	\$13,574	\$7,341
	10 HP	NA	NA	NA	\$16,810	\$9,352
DC SUMBERSIBLE PUMPSET	1 HP	NA	NA	NA	\$7,211	\$3,191
	2 HP	NA	NA	NA	\$8,150	\$3,832
	3 HP	NA	NA	NA	\$10,506	\$4,693
	5 HP	NA	NA	NA	\$12,205	\$5,706
	7.5 HP	NA	NA	NA	\$16,270	\$7,753
	10 HP	NA	NA	NA	\$19,238	\$9,470

Service 2:Part A+B+C+D of Price Bid: Service 1 + Comprehensive Maintenance (CMC)
Contract for 5 years

Pump Category	Rating	Service 2 Rates (Part A + B + C + D) -Tonga				
		Rotosol	Premier	Grundfos	Shakti (L-2)	Refex (L-1)
AC Surface Agricultural Pumpsets	1 HP	NA	NA	NA	\$7,009	\$3,920
	2 HP	NA	NA	NA	\$7,737	\$4,687
	3 HP	NA	NA	NA	\$10,330	\$5,587
	5 HP	NA	NA	NA	\$11,772	\$6,564
	7.5 HP	NA	NA	NA	\$14,934	\$8,304
	10 HP	NA	NA	NA	\$18,567	\$10,033
AC SUBMERSIBLE PUMPSET	1 HP	NA	NA	NA	\$7,789	\$3,755
	2 HP	NA	NA	NA	\$8,844	\$4,523
	3 HP	NA	NA	NA	\$11,490	\$5,445
	5 HP	NA	NA	NA	\$13,397	\$6,527
	7.5 HP	NA	NA	NA	\$17,962	\$8,380
	10 HP	NA	NA	NA	\$21,294	\$10,128
DC Surface Agricultural Pumpsets	1 HP	NA	NA	NA	\$7,245	\$4,072
	2 HP	NA	NA	NA	\$8,011	\$4,901
	3 HP	NA	NA	NA	\$10,740	\$5,832
	5 HP	NA	NA	NA	\$12,259	\$6,853
	7.5 HP	NA	NA	NA	\$15,588	\$8,308
	10 HP	NA	NA	NA	\$19,412	\$10,407
DC SUMBERSIBLE PUMPSET	1 HP	NA	NA	NA	\$8,068	\$3,891
	2 HP	NA	NA	NA	\$9,178	\$4,600
	3 HP	NA	NA	NA	\$11,962	\$5,513
	5 HP	NA	NA	NA	\$13,970	\$6,584
	7.5 HP	NA	NA	NA	\$18,774	\$8,720
	10 HP	NA	NA	NA	\$22,282	\$10,524

Comparative Analysis:

As per the Bidding Document, rates of all the models for the following services were mandatory to be filled by the bidders in the Price Bid Table:

Service 1: Part A+B+C of Price Bid: Supply, Custom clearance, Local transportation, installation, testing and commissioning of complete system & services at Employer's site of Solar PV based Agricultural Pump Set system as specified in Annex-1: Material/Services to be offered

Pump Category	Rating	Service 1 Rates (Part A + B + C) -Tuvalu				
		Rotosol (L-3)	Premier (L-2)	Grundfos (L-5)	Shakti (L-4)	Refex (L-1)
AC Surface Agricultural Pumpsets	1 HP	\$2,844	\$2,827	\$18,273	\$6,211	\$3,187
	2 HP	\$3,564	\$3,547	\$19,019	\$6,810	\$3,869
	3 HP	\$5,427	\$5,400	\$20,671	\$8,944	\$4,763
	5 HP	\$8,064	\$8,037	\$28,281	\$10,131	\$5,730
	7.5 HP	\$10,260	\$10,243	\$32,065	\$12,734	\$7,498
	10 HP	\$12,465	\$12,447	\$36,289	\$15,725	\$9,249
AC SUBMERSIBLE PUMPSET	1 HP	\$3,151	\$3,132	\$17,618	\$6,853	\$3,010
	2 HP	\$4,203	\$4,185	\$18,096	\$7,722	\$3,694
	3 HP	\$5,427	\$5,409	\$20,188	\$9,900	\$4,611
	5 HP	\$8,064	\$8,047	\$28,499	\$11,468	\$5,690
	7.5 HP	\$10,260	\$10,243	\$32,109	\$15,226	\$7,579
	10 HP	\$12,465	\$12,439	\$36,654	\$17,968	\$9,351
DC Surface Agricultural Pumpsets	1 HP	\$2,844	\$2,827	\$18,273	\$6,406	\$3,349
	2 HP	\$3,564	\$3,547	\$19,019	\$7,036	\$4,098
	3 HP	\$5,427	\$5,409	\$20,671	\$9,282	\$5,024
	5 HP	\$8,064	\$8,047	\$28,739	\$10,532	\$6,039
	7.5 HP	\$10,260	\$10,260	\$32,065	\$13,272	\$7,503
	10 HP	\$12,465	\$12,439	\$36,451	\$16,420	\$9,648
DC SUMBERSIBLE PUMPSET	1 HP	\$3,151	\$3,132	\$17,618	\$7,082	\$3,156
	2 HP	\$4,203	\$4,176	\$18,096	\$7,996	\$3,776
	3 HP	\$5,427	\$5,400	\$19,846	\$10,288	\$4,683
	5 HP	\$8,064	\$8,047	\$28,022	\$11,940	\$5,752
	7.5 HP	\$10,260	\$10,243	\$31,170	\$15,895	\$7,943
	10 HP	\$12,465	\$12,439	\$35,061	\$18,782	\$9,774

Service 2:Part A+B+C+D of Price Bid: Service 1 + Comprehensive Maintenance (CMC)
Contract for 5 years

Pump Category	Rating	Service 2 Rates (Part A + B + C + D) -Tuvalu				
		Rotosol (L-3)	Premier (L-2)	Grundfos (L-5)	Shakti (L-4)	Refex (L-1)
AC Surface Agricultural Pumpsets	1 HP	\$3,555	\$3,534	\$24,947	\$6,905	\$3,860
	2 HP	\$4,455	\$4,434	\$25,693	\$7,616	\$4,598
	3 HP	\$6,784	\$6,750	\$27,345	\$10,149	\$5,579
	5 HP	\$10,080	\$10,046	\$35,697	\$11,558	\$6,644
	7.5 HP	\$12,825	\$12,804	\$40,223	\$14,647	\$8,594
	10 HP	\$15,581	\$15,559	\$44,447	\$18,197	\$10,520
AC SUBMERSIBLE PUMPSET	1 HP	\$3,939	\$3,915	\$24,292	\$7,667	\$3,675
	2 HP	\$5,254	\$5,231	\$24,770	\$8,698	\$4,413
	3 HP	\$6,784	\$6,761	\$26,862	\$11,283	\$5,418
	5 HP	\$10,080	\$10,059	\$35,915	\$13,145	\$6,602
	7.5 HP	\$12,825	\$12,804	\$40,267	\$17,605	\$8,680
	10 HP	\$15,581	\$15,549	\$44,812	\$20,860	\$10,627
DC Surface Agricultural Pumpsets	1 HP	\$3,555	\$3,534	\$24,947	\$7,136	\$4,031
	2 HP	\$4,455	\$4,434	\$25,693	\$7,884	\$4,838
	3 HP	\$6,784	\$6,761	\$27,345	\$10,550	\$5,853
	5 HP	\$10,080	\$10,059	\$36,155	\$12,034	\$6,969
	7.5 HP	\$12,825	\$12,825	\$40,223	\$15,286	\$8,600
	10 HP	\$15,581	\$15,549	\$44,609	\$19,022	\$10,940
DC SUMBERSIBLE PUMPSET	1 HP	\$3,939	\$3,915	\$24,292	\$7,939	\$3,828
	2 HP	\$5,254	\$5,220	\$24,770	\$9,024	\$4,499
	3 HP	\$6,784	\$6,750	\$26,520	\$11,744	\$5,495
	5 HP	\$10,080	\$10,059	\$35,438	\$13,705	\$6,667
	7.5 HP	\$12,825	\$12,804	\$39,328	\$18,399	\$9,062
	10 HP	\$15,581	\$15,549	\$43,219	\$21,826	\$11,072

Comparative Analysis:

As per the Bidding Document, rates of all the models for the following services were mandatory to be filled by the bidders in the Price Bid Table:

Service 1: Part A+B+C of Price Bid: Supply, Custom clearance, Local transportation, installation, testing and commissioning of complete system & services at Employer's site of Solar PV based Agricultural Pump Set system as specified in Annex-1: Material/Services to be offered

Pump Category	Rating	Service 1 Rates (Part A + B + C) -Uganda				
		Rotosol (L-3)	Premier (L-2)	Grundfos (L-5)	Shakti (L-4)	Refex (L-1)
AC Surface Agricultural Pumpsets	1 HP	\$2,607	\$2,591	\$11,869	\$6,142	\$2,125
	2 HP	\$3,267	\$3,251	\$12,548	\$6,730	\$2,425
	3 HP	\$4,975	\$4,950	\$13,941	\$8,824	\$3,256
	5 HP	\$7,392	\$7,367	\$18,611	\$9,988	\$4,157
	7.5 HP	\$9,405	\$9,389	\$21,889	\$12,543	\$5,919
	10 HP	\$11,426	\$11,410	\$25,341	\$15,477	\$7,637
AC SUBMERSIBLE PUMPSET	1 HP	\$2,888	\$2,871	\$11,300	\$6,772	\$1,949
	2 HP	\$3,853	\$3,836	\$11,735	\$7,624	\$2,250
	3 HP	\$4,975	\$4,958	\$13,529	\$9,761	\$3,103
	5 HP	\$7,392	\$7,376	\$18,668	\$11,301	\$4,117
	7.5 HP	\$9,405	\$9,389	\$21,788	\$14,988	\$6,000
	10 HP	\$11,426	\$11,402	\$25,703	\$17,679	\$7,739
DC Surface Agricultural Pumpsets	1 HP	\$2,607	\$2,591	\$11,869	\$6,333	\$2,288
	2 HP	\$3,267	\$3,251	\$12,548	\$6,951	\$2,653
	3 HP	\$4,975	\$4,958	\$13,941	\$9,155	\$3,517
	5 HP	\$7,392	\$7,376	\$19,028	\$10,382	\$4,466
	7.5 HP	\$9,405	\$9,405	\$21,889	\$13,071	\$5,924
	10 HP	\$11,426	\$11,402	\$25,716	\$16,160	\$8,036
DC SUMBERSIBLE PUMPSET	1 HP	\$2,888	\$2,871	\$11,300	\$6,997	\$2,095
	2 HP	\$3,853	\$3,828	\$11,735	\$7,893	\$2,332
	3 HP	\$4,975	\$4,950	\$13,217	\$10,142	\$3,176
	5 HP	\$7,392	\$7,376	\$18,233	\$11,764	\$4,179
	7.5 HP	\$9,405	\$9,389	\$20,933	\$15,644	\$6,364
	10 HP	\$11,426	\$11,402	\$24,252	\$18,477	\$8,162

**Service 2:Part A+B+C+D of Price Bid: Service 1 + Comprehensive Maintenance (CMC)
Contract for 5 years**

Pump Category	Rating	Service 2 Rates (Part A + B + C + D) -Uganda				
		Rotosol (L-3)	Premier (L-2)	Grundfos (L-5)	Shakti (L-4)	Refex (L-1)
AC Surface Agricultural Pumpsets	1 HP	\$3,160	\$3,141	\$14,650	\$6,836	\$2,730
	2 HP	\$3,960	\$3,941	\$15,329	\$7,536	\$3,060
	3 HP	\$6,030	\$6,000	\$16,722	\$10,029	\$3,974
	5 HP	\$8,960	\$8,930	\$21,701	\$11,415	\$4,969
	7.5 HP	\$11,400	\$11,381	\$25,288	\$14,456	\$6,913
	10 HP	\$13,850	\$13,830	\$28,740	\$17,949	\$8,804
AC SUBMERSIBLE PUMPSET	1 HP	\$3,501	\$3,480	\$14,081	\$7,586	\$2,544
	2 HP	\$4,670	\$4,650	\$14,516	\$8,600	\$2,875
	3 HP	\$6,030	\$6,010	\$16,310	\$11,144	\$3,814
	5 HP	\$8,960	\$8,941	\$21,758	\$12,978	\$4,927
	7.5 HP	\$11,400	\$11,381	\$25,187	\$17,367	\$6,998
	10 HP	\$13,850	\$13,821	\$29,102	\$20,571	\$8,911
DC Surface Agricultural Pumpsets	1 HP	\$3,160	\$3,141	\$14,650	\$7,063	\$2,901
	2 HP	\$3,960	\$3,941	\$15,329	\$7,799	\$3,300
	3 HP	\$6,030	\$6,010	\$16,722	\$10,423	\$4,249
	5 HP	\$8,960	\$8,941	\$22,118	\$11,884	\$5,294
	7.5 HP	\$11,400	\$11,400	\$25,288	\$15,085	\$6,918
	10 HP	\$13,850	\$13,821	\$29,115	\$18,762	\$9,224
DC SUMBERSIBLE PUMPSET	1 HP	\$3,501	\$3,480	\$14,081	\$7,854	\$2,698
	2 HP	\$4,670	\$4,640	\$14,516	\$8,921	\$2,962
	3 HP	\$6,030	\$6,000	\$15,998	\$11,598	\$3,890
	5 HP	\$8,960	\$8,941	\$21,323	\$13,529	\$4,992
	7.5 HP	\$11,400	\$11,381	\$24,332	\$18,148	\$7,380
	10 HP	\$13,850	\$13,821	\$27,651	\$21,521	\$9,356

Comparative Analysis:

As per the Bidding Document, rates of all the models for the following services were mandatory to be filled by the bidders in the Price Bid Table:

Service 1: Part A+B+C of Price Bid: Supply, Custom clearance, Local transportation, installation, testing and commissioning of complete system & services at Employer's site of Solar PV based Agricultural Pump Set system as specified in Annex-1: Material/Services to be offered

Pump Category	Rating	Service 1 Rates (Part A + B + C) -Yemen				
		Rotosol (L-3)	Premier (L-2)	Grundfos	Shakti (L-4)	Refex (L-1)
AC Surface Agricultural Pumpsets	1 HP	\$2,765	\$2,748	N/a	\$6,246	\$2,026
	2 HP	\$3,465	\$3,448	N/a	\$6,851	\$2,358
	3 HP	\$5,276	\$5,250	N/a	\$9,004	\$3,186
	5 HP	\$7,840	\$7,814	N/a	\$10,202	\$4,083
	7.5 HP	\$9,975	\$9,958	N/a	\$12,830	\$5,838
	10 HP	\$12,119	\$12,101	N/a	\$15,848	\$7,555
AC SUBMERSIBLE PUMPSET	1 HP	\$3,063	\$3,045	N/a	\$6,894	\$1,849
	2 HP	\$4,086	\$4,069	N/a	\$7,771	\$2,183
	3 HP	\$5,276	\$5,259	N/a	\$9,969	\$3,033
	5 HP	\$7,840	\$7,823	N/a	\$11,552	\$4,043
	7.5 HP	\$9,975	\$9,958	N/a	\$15,345	\$5,919
	10 HP	\$12,119	\$12,093	N/a	\$18,113	\$7,657
DC Surface Agricultural Pumpsets	1 HP	\$2,765	\$2,748	N/a	\$6,442	\$2,188
	2 HP	\$3,465	\$3,448	N/a	\$7,079	\$2,587
	3 HP	\$5,276	\$5,259	N/a	\$9,346	\$3,447
	5 HP	\$7,840	\$7,823	N/a	\$10,607	\$4,392
	7.5 HP	\$9,975	\$9,975	N/a	\$13,373	\$5,843
	10 HP	\$12,119	\$12,093	N/a	\$16,550	\$7,955
DC SUMBERSIBLE PUMPSET	1 HP	\$3,063	\$3,045	N/a	\$7,125	\$1,995
	2 HP	\$4,086	\$4,060	N/a	\$8,047	\$2,265
	3 HP	\$5,276	\$5,250	N/a	\$10,361	\$3,106
	5 HP	\$7,840	\$7,823	N/a	\$12,028	\$4,105
	7.5 HP	\$9,975	\$9,958	N/a	\$16,020	\$6,282
	10 HP	\$12,119	\$12,093	N/a	\$18,934	\$8,080

Service 2:Part A+B+C+D of Price Bid: Service 1 + Comprehensive Maintenance (CMC)
Contract for 5 years

Pump Category	Rating	Service 2 Rates (Part A + B + C + D) -Yemen				
		Rotosol (L-3)	Premier (L-2)	Grundfos	Shakti (L-4)	Refex (L-1)
AC Surface Agricultural Pumpsets	1 HP	\$3,397	\$3,376	N/a	\$6,940	\$2,624
	2 HP	\$4,257	\$4,236	N/a	\$7,657	\$2,989
	3 HP	\$6,482	\$6,450	N/a	\$10,209	\$3,899
	5 HP	\$9,632	\$9,600	N/a	\$11,629	\$4,890
	7.5 HP	\$12,255	\$12,234	N/a	\$14,743	\$6,826
	10 HP	\$14,889	\$14,867	N/a	\$18,320	\$8,717
AC SUBMERSIBLE PUMPSET	1 HP	\$3,763	\$3,741	N/a	\$7,708	\$2,438
	2 HP	\$5,020	\$4,999	N/a	\$8,747	\$2,804
	3 HP	\$6,482	\$6,461	N/a	\$11,352	\$3,739
	5 HP	\$9,632	\$9,611	N/a	\$13,229	\$4,849
	7.5 HP	\$12,255	\$12,234	N/a	\$17,724	\$6,912
	10 HP	\$14,889	\$14,857	N/a	\$21,005	\$8,824
DC Surface Agricultural Pumpsets	1 HP	\$3,397	\$3,376	N/a	\$7,172	\$2,795
	2 HP	\$4,257	\$4,236	N/a	\$7,927	\$3,229
	3 HP	\$6,482	\$6,461	N/a	\$10,614	\$4,174
	5 HP	\$9,632	\$9,611	N/a	\$12,109	\$5,215
	7.5 HP	\$12,255	\$12,255	N/a	\$15,387	\$6,832
	10 HP	\$14,889	\$14,857	N/a	\$19,152	\$9,137
DC SUMBERSIBLE PUMPSET	1 HP	\$3,763	\$3,741	N/a	\$7,982	\$2,592
	2 HP	\$5,020	\$4,988	N/a	\$9,075	\$2,891
	3 HP	\$6,482	\$6,450	N/a	\$11,817	\$3,815
	5 HP	\$9,632	\$9,611	N/a	\$13,793	\$4,913
	7.5 HP	\$12,255	\$12,234	N/a	\$18,524	\$7,294
	10 HP	\$14,889	\$14,857	N/a	\$21,978	\$9,269

Comparative Analysis:

As per the Bidding Document, rates of all the models for the following services were mandatory to be filled by the bidders in the Price Bid Table:

Service 1: Part A+B+C of Price Bid: Supply, Custom clearance, Local transportation, installation, testing and commissioning of complete system & services at Employer's site of Solar PV based Agricultural Pump Set system as specified in Annex-1: Material/Services to be offered

Pump Category	Rating	Service 1 Rates (Part A + B + C) - Zambia				
		Rotosol	Premier	Grundfos	Shakti	Refex
AC Surface Agricultural Pumpsets	1 HP	N/a	N/a	N/a	\$6,315	N/a
	2 HP	N/a	N/a	N/a	\$6,931	N/a
	3 HP	N/a	N/a	N/a	\$9,125	N/a
	5 HP	N/a	N/a	N/a	\$10,345	N/a
	7.5 HP	N/a	N/a	N/a	\$13,021	N/a
	10 HP	N/a	N/a	N/a	\$16,095	N/a
AC SUBMERSIBLE PUMPSET	1 HP	N/a	N/a	N/a	\$6,975	N/a
	2 HP	N/a	N/a	N/a	\$7,868	N/a
	3 HP	N/a	N/a	N/a	\$10,107	N/a
	5 HP	N/a	N/a	N/a	\$11,720	N/a
	7.5 HP	N/a	N/a	N/a	\$15,583	N/a
	10 HP	N/a	N/a	N/a	\$18,402	N/a
DC Surface Agricultural Pumpsets	1 HP	N/a	N/a	N/a	\$6,515	N/a
	2 HP	N/a	N/a	N/a	\$7,163	N/a
	3 HP	N/a	N/a	N/a	\$9,472	N/a
	5 HP	N/a	N/a	N/a	\$10,757	N/a
	7.5 HP	N/a	N/a	N/a	\$13,574	N/a
	10 HP	N/a	N/a	N/a	\$16,810	N/a
DC SUMBERSIBLE PUMPSET	1 HP	N/a	N/a	N/a	\$7,211	N/a
	2 HP	N/a	N/a	N/a	\$8,150	N/a
	3 HP	N/a	N/a	N/a	\$10,506	N/a
	5 HP	N/a	N/a	N/a	\$12,205	N/a
	7.5 HP	N/a	N/a	N/a	\$16,270	N/a
	10 HP	N/a	N/a	N/a	\$19,238	N/a

Service 2:Part A+B+C+D of Price Bid: Service 1 + Comprehensive Maintenance (CMC)
Contract for 5 years

Pump Category	Rating	Service 2 Rates (Part A + B + C + D) - Zambia				
		Rotosol	Premier	Grundfos	Shakti	Refex
AC Surface Agricultural Pumpsets	1 HP	N/a	N/a	N/a	\$7,009	N/a
	2 HP	N/a	N/a	N/a	\$7,737	N/a
	3 HP	N/a	N/a	N/a	\$10,330	N/a
	5 HP	N/a	N/a	N/a	\$11,772	N/a
	7.5 HP	N/a	N/a	N/a	\$14,934	N/a
	10 HP	N/a	N/a	N/a	\$18,567	N/a
AC SUBMERSIBLE PUMPSET	1 HP	N/a	N/a	N/a	\$7,789	N/a
	2 HP	N/a	N/a	N/a	\$8,844	N/a
	3 HP	N/a	N/a	N/a	\$11,490	N/a
	5 HP	N/a	N/a	N/a	\$13,397	N/a
	7.5 HP	N/a	N/a	N/a	\$17,962	N/a
	10 HP	N/a	N/a	N/a	\$21,294	N/a
DC Surface Agricultural Pumpsets	1 HP	N/a	N/a	N/a	\$7,245	N/a
	2 HP	N/a	N/a	N/a	\$8,011	N/a
	3 HP	N/a	N/a	N/a	\$10,740	N/a
	5 HP	N/a	N/a	N/a	\$12,259	N/a
	7.5 HP	N/a	N/a	N/a	\$15,588	N/a
	10 HP	N/a	N/a	N/a	\$19,412	N/a
DC SUMBERSIBLE PUMPSET	1 HP	N/a	N/a	N/a	\$8,068	N/a
	2 HP	N/a	N/a	N/a	\$9,178	N/a
	3 HP	N/a	N/a	N/a	\$11,962	N/a
	5 HP	N/a	N/a	N/a	\$13,970	N/a
	7.5 HP	N/a	N/a	N/a	\$18,774	N/a
	10 HP	N/a	N/a	N/a	\$22,282	N/a