Tender Document

for

Complete Installation of 7.5 HP Solar Pumps (03 in No.) in Makhu Block, District Ferozepur, Punjab

Ground Floor, Near Service Road, Malak Road Bridge Pass, Jagraon
District - Ludhiana, Punjab 142026
Telephone: 6283080693 / 7897993041

NOTICE INVITING TENDER

Sealed tenders are invited in a prescribed form **by BAIF Institute for Sustainable Livelihoods and Development, Ground Floor, Near Service Road, Malak Road Bridge Pass, Jagraon, District-Ludhiana, Punjab from** technically and financially sound agencies/contractors for the following work:

Tender Details

Date of issue of tender	16th November 2026
Last date and time for submission of Tender Documents	22nd November 2026 (5:00 PM)
Mode of Submission	Password-protected pdf file to procurement.uttarakhand@baif.org.in or in a sealed envelope to BAIF Punjab State Office at the address mentioned below.
Note: Tender form is given at the end of this document. Please use it for quoting your rate, along with DD of the Earnest Money.	

1. The tender document can be downloaded from the official website: https://baif.org.in/tenders/
2. The sealed tender document duly filled in with the name of the work and the name of the tenderer written on the envelope should be submitted at **BAIF Punjab State Office, Ground Floor, Near Service Road, Malak Road Bridge Pass, Jagraon, District-Ludhiana, Punjab, India till 22nd November 2026 (5:00 PM)** by hand / Registered Post / Courier / Password-protected pdf file at procurement.uttarakhand@baif.org.in

Name of work: Supply and complete installation of 7.5 HP Solar Pump (3 Units)

Brief Description of Product	Quantity	Place of Delivery	Completion date of project (Delivery and Installation)
Solar Lift Irrigation Scheme As per Details **(Annexures 1-4)**	3	Villages - Chakkian,Lalle,Joggewala Block Makhu,District Ferozepur.	Till _____2026 (within 35 days from date of Work Order.)

The technical specifications are as follows:

Annexure 1. Solar Pump

SN	Technical Specifications	Unit	Qty.	Qty (Set)
1	7.5 HP Solar PV Modules **(Topcon bifacial**)- 620 WP, 12 in No., Type- HI Tech, Make – **(Luminous/Panasonic/Vikram)** with 25 Year Warranty.	WP	7020	03 Set
2	Module Mounting Structure with civil work as per sire requirement- Hot Dip Galvanized and No. of solar panel to be installed	Kg	230	
3	Solar Pump Controller-7.5 HP-DC, With 5 Year Warranty (Shakti, Crompton, Amrut, Roto mag	No.	1	
4	7.5 HP DC Submersible pump with motor, 10 LPS for 60 M Head (Amrut/Shakti/Roto MAG) backed by a 5- year warranty	No.	1	
5	Submersible pump safety rope-Nylon 12 mm rope	Kg	4	
6	SUB Cable copper,1 m (Flat cable copper 2.5sqmm 3 core, Poly cab) for Solar DC pump	Meter	50	
7	Sub Cable 4 Sq.mm 3 Core Poly cab for controller	Meter	5	
8	Sub Cable 4 Sq.mm 3 Core Poly cab for Lightning arrestor	Meter	5	
9	Earthing Kit (Earthing of LA, DC controller & Panel module) - rod Dia 14 mm, 1.5 Meter Long (100 Micron copper coated Solid earthing electrode) With 5 kg Earthing compound and GI wire -10 metres for Structure. (Zinc powder must be poured beneath for the better productivity).	No.	3	
10	Lightning arrestor LA:5 spikes with 80 mm Length with 8 mm Dia., 20 mm Dia. HDG rod Spike: 05 Spike, Height of pipe: 5 m, thickness of pipe: 1 mm, Base Plate: 80 mm Dia. with 6mm thickness	No.	1	
11	80 MM (3 inch) Dia, 6 Meter Length Heavy Class (c-class) GI Pipe Conforming to IS 1239 (Part1)	No.	5	
12	AMC- 3 Years (AMC amount should be paid to local youth monthly) 1	Set	1	
13	System Testing, Transportation Installation, Integration, Commissioning of system, 5 Year Servicing	No.	1	

Annexure 2. Estimate for Underground Pipe work and Accessories

Sr No.	Activity	No.	Unit	Quantity	Total Quantity of 3 Site
1	Boring / Drilling Work Diameter 9 inch (228.6 mm), minimum depth 70 m, including drilling in all types of soil/strata encountered at site, removal of drilling cuttings/muck, necessary equipment, labour, water and all other incidental works complete as directed by the Site Engineer. Depth may be incidental works complete as directed by the Site Engineer. Depth may be extended further if adequate water level is not achieved at site.	3	RM	70	210
2	Providing, lowering and fixing of ISI-marked uPVC casing pipe, 9 inch (228.6 mm) diameter, 10 kg/cm² pressure class of approved brand Finolex / Supreme / Astral, including slotted/perforated (strainer) uPVC pipe of the same diameter and pressure rating in the aquifer zone, jointing with heavy-duty uPVC solvent cement (Astral Bond / Supreme Solvent Cement / Finolex Solvent Cement) to ensure leak-proof joints, including all necessary fittings, lowering, fixing and labour, complete as directed by the Site Engineer.	3	RM	70	210
3	Excavation for foundation in earth, soil of all types, sand, gravel, soft and hard Murium, including removing the excavated material up to a distance of 50 m beyond the building area and stacking and spreading as directed, dewatering, preparing the bed for the foundation and necessary back filling, ramming, watering including shoring and strutting etc. complete. (Lift up to 1.5 m.) Depth of trench will be 90 cm for underground pipe.				
	Rising Main line Excavation	3	Cum	194.4	555.2
4	Refilling for foundation in earth, soil of all types, sand, gravel, soft and hard Murrum, including removing the excavated material up to a distance of 50 m beyond the building area and stacking and spreading as directed, dewatering, preparing the bed for the foundation and necessary back filling, ramming, watering including shoring and strutting etc. complete. (Lift up to 1.5 m.) Depth of trench will be 90 cm for underground pipe.				
	Rising Main line Refiling	3	Cum	194.4	555.2

5	Providing and supplying in standard lengths Polyethylene Pipe, confirming to IS 4984/14151/12786/ 13488 With necessary jointing material like mechanical connector i.e. thread / insert joint / quick release coupler joint / compression fitting joint or flanged joint excluding coupler/specials, including transportation from stores to site of work, inspection charges, excluding GST levied by GOI & GoUK in all respect. As per IS:4984- 2016, the pipes upto 110 mm dia. should be supplied in coil form only.)				
	IX H.D.P.E. pipes PE 100, 90 MM, 6 kg/sq. cm Make Jain	3	460	RMT	1325
6	Lowering, Laying and Jointing H.D.P.E./M.D.P.E. pipes in proper position including all specials by compression fitting/electrofusion and butt fusion jointing procedure as per relevant IS Code complete with all materials for jointing procedure like Electrofusion machine, Electric heater/butt fusion welding machine with hydraulic jack, top loading clamp etc. and all labours as directed by engineer in charge as per IS-7634 Part II. (The main line's length can vary depending on the requirement) IX H.D.P.E. pipes PE 100, 90 MM, 6 kg/sq cm Make Jain				
	IX H.D.P.E. pipes PE 100, 90 MM, 6 kg/sq. cm Make Jain	3	460	RMT	1325
7	Providing, supplying and Installation of ISI mark CI D/F reflux valves (non-return valves) of following Dia including transportation from stores to site of work, inspection charges, excluding GST levied by GOI & GOUK in all respect etc. complete. Reflux valves as per IS.5312 Part I (1984) a) Without bypass arrangement PN -1				
	80mm., Brand name-Kirloskar Brothers Ltd. (KBL)/L&T (Audco)/Oswal Valves	3	1	Nos	3
8	Providing, supplying and Installation of Butterfly valve (50mm) confirming for IS 14846 including worn gear arrangements as per test pressure, stainless steel spindle, caps, including inspection charges, transportation from stores to site of work excluding GST levied by GOI & GOUK in all respect etc. complete. As Per Market Rate				
	50 mm, Brand name-Kirloskar Brothers Ltd. (KBL)/L&T (Audco)/Oswal Valves	3	2	No.	6
9	Providing, supplying and Installation of Pressure Relief valve (50mm) conforming for IS14846 including worn gear arrangements as per test pressure, stainless steel spindle, caps, including inspection charges, transportation from stores to site of work excluding GST levied by GOI & GOUK in all respect etc. complete, Brand name-Kirloskar Brothers Ltd. (KBL)/L&T (Audco)/Oswal Valves	3	2	No.	6

10	Providing, supplying and Installation of C.I. air valves as directed by Engineer-in-charge including cost of conveyance from stores to site of work, cost of all material and giving satisfactory hydraulic testing etc. complete. (for all class of valves)				
	25 mm, Brand name-Kirloskar Brothers Ltd. (KBL)/L&T (Audco)/Oswal Valves	3	2	No.	6
11	PP Ball valves (63 mm) with Elbow at Outlet Points of Main Line with a fixed permanent concrete structure at every outlet (Every Outlet will be installed using GI pipe or H.D.P.E pipe) (The number of outlets might vary according on the needs), Brand Name-Jain Irrigation/Netafim/Finolex/Astral/Supreme	3	10	No.	27

Annexure 3. Estimate for panel fencing

S N	Activity	Unit	Quantity	Total Quantity
1	Providing and erecting chain link fencing 1.6 M. height with G.I. chain link of size 50 x 50 mm, 12 gauge thick and fixed 75 mm above ground level on vertical M.S. Angles of 40 x 40 x 6 mm size, including excavating pits for foundation and embedded in C.C. block of 1:4:8 mix of size 450 x 450 x 670 mm. at 1.75 M. c/c with iron bar 16mm dia. as hold fast including welding link with angle frame at 30 cm c/c with nuts and bolts and horizontal M.S. Angles at top and bottom of 25 x 25 x 5 mm size and vertical M.S. flat 35 x 5 mm and 25 x 5 mm horizontal including cross support of 40 x 40 x 6 mm angles both side at every corner or bend embedded in concrete blocks of 1:4:8 of size 450 x 450 x 670 mm including 3 coats of oil painting etc. complete.	Rmt	50	3 Set
2	Providing and fixing mild steel grill gate with angle iron frame 65 x 65 mm x 10 mm with iron bars at 150 mm C/C and diagonal flats as per the detailed drawing including hinges, pivot block locking arrangement, welding riveting and oil painting of three coats of approved shade Weight of gate 35 Kg/Smt.	sqm	1.90	

Annexure 4. Miscellaneous Items

SN	Activity	Unit	Quantity	Total Quantity
1	Providing and obtaining Comprehensive Insurance Coverage for Solar Lift Irrigation System including theft, fire, lightning, flood, storm, earthquake, natural calamities, accidental damages, animal attacks, and all other risks for complete system protection. **For Three Year**	No.	3 years	3 Set
2	Hi-Tech Automatic Solar Panel Cleaning Sprinkler Shower Set: 8 Nos. micro-sprinkler nozzles, 1" Finolex CPVC main pipe – 10 m, 3/4" Finolex CPVC header/branch pipe – 30 m, 1 No. filter, 1 No. automatic solenoid valve, required tees/elbows/end caps and pipe clamp	Set	1	
3	Installation of Semi Integrated Solar Street Light with 24-Watt LED and 80 Wp Monocrystalline Solar Panel, including necessary 3inch GI poles at the SLI site.	No.	1	
4	Signage board with iron sheet and stand of the board (Dimension: 3 ft x 4 ft, Angle 40 x 40 x 6 mm & Iron sheet -18 Gauge, 2ft underground footing, 3.5 ft above ground approx. weight 40 kg) including painting and writing on both sides with installation.	No.	1	
5	Providing, supplying, installing, testing and commissioning of approved make DN 100 mm water meter, suitable for water supply application and compatible with 90 mm OD HDPE PE-100 rising main, complete with 2 Nos. matching flanges, 2 In No. suitable bush/nipple, 8 Nos. nuts and bolts, gaskets, washers, sealing materials and all necessary fittings/accessories, including required reducers/adaptors for connection with 90 mm HDPE pipe, labour, fixing, alignment, testing and commissioning, complete in all respects as directed by Engineer-in-Charge.	No.	1	

Terms and Conditions:

1. **Earnest Money Deposit (EMD:** 2% of tender value) shall be submitted along with the tender through a Demand Draft (DD) in favor of **"BAIF INSTITUTE FOR SUSTAINABLE LIVELIHOODS AND DEVELOPMENT, PUNJAB",** payable at Ludhiana. Tenders without EMD shall be liable for rejection. The EMD of unsuccessful bidders shall be refunded without interest within 30 days of issuance of the Work Order. The successful bidder's EMD shall be adjusted towards the Security Deposit.
2. Mention the Warranty and Maintenance period of major items like Solar panel, Pump etc.
3. All items supplied must strictly conform to the specified technical specifications and will be inspected and verified by the field engineer before acceptance.
4. **Quantity Variation**: The quantities mentioned in the tender are indicative. During field execution, quantities may increase or decrease as per actual site requirements. The contractor must execute the work as per the instructions of the field engineer, and payments will be made proportionately based on actual executed quantities.
5. The 5% of bill amount (including earnest money) shall be retained as a Security money for free maintenance for the period as mentioned in your tender.
6. The retained amount shall be refunded without any bank interest after free maintenance period.

BAIF INSTITUTE FOR SUSTAINABLE LIVELIHOODS & DEVELOPMENT ★ PUNJAB

7. **Penalty for delay in completion of work:** The organisation may impose penalties for delay in completion of work except in case of natural calamities and law and order situation. The penalty amount shall be **Rs. 500 per day.** The tenderer must agree to bear the penalty amount for the delay in the completion of work.
8. The rates offered by the Bidder/Tenderer will be inclusive of all Taxes, License fees, Royalty, Octroi, Labour, Construction Materials, all Tools and Plants, Water, and Power required for satisfactory completion of the work.
9. In case of any mishap, injury or damage occurring at the site, it will be the responsibility of the Contractor.
10. Mention clearly that the rates are inclusive of GST or exclusive of GST and mention the GST rate in %.
11. **Final Payment:** Final payments will be made only after satisfactory completion of the work. After completion and successful demonstration of irrigation systems and water to be delivered as per design.
12. The authority for the acceptance of the tender will rest with the organization. It shall not be obligatory on the said authority to accept the lowest tender or any other tender and no tenderer (s) shall demand any explanation for the cause of rejection of his/their tender nor will the organisation undertake to assign reasons for declining to consider or reject any particular tender or tenders.
13. The competent authority of the organisation for the acceptance of the tender reserves the right to divide the tender amongst more than one tenderer, if deemed necessary.
14. **Schedule of Payment:** The Schedule of payment shall be decided through negotiation as per condition mentioned by successful tenderer in his tender.
15. The final payment shall be made after satisfactory completion of work on production of tax invoice with warranty card. After completion and successful demonstration of irrigation systems and water to be delivered as per design.

For any clarification, please contact:

1. **BAIF Dehradun Office: 7897993041, 0135-3566165**
2. **Taniya Rawat, Dehradun: +91-7453868478**
3. **Shubham Gaur, Makhu, Punjab: +91-9634852391**

Tender Form (On Letterhead)

CONTACT PERSON (FOR THE TENDERER)

Name	
Address	
Telephone/Contact No.	
E-mail	

ECONOMIC AND FINANCIAL CAPACITY

Financial Year	**2023-24**	**2024-25**	**2025-26**
Annual turnover (Rs. in Lakhs)			

EXPERIENCE

Complete the table using the format below to summarise the major relevant work carried out in the course of the past 5 years by the legal entity or entities making this tender. The number of references to be provided must not exceed 5 for the entire tender.

Sr. No.	Name and Address of Client	Capacity of Solar Pump Installed	Date/Year of Construction	Contract Value (Rs.)

TENDER DECLARATION

1. I/We have read and examined all the tender documents.
2. We also undertake, if required, to provide evidence of the financial and economic standing and the technical and professional capacity according to the selection criteria for this call for tender. We also understand that if we fail to provide the proof/evidence required, within 7 calendar days after receiving the notification of award, or if the information provided is proved false, the award may be considered null and void.
3. I/We shall be debarred for tendering with BAIF INSTITUTE FOR SUSTAINABLE LIVELIHOODS AND DEVELOPMENT, PUNJAB. Also, if such a violation comes to the notice of BISLD-UK before the date of start of work, BAIF INSTITUTE FOR SUSTAINABLE LIVELIHOODS AND DEVELOPMENT, PUNJAB shall be free to forfeit the entire amount of earnest money deposit.
4. I/We hereby declare that I/We shall treat the tender documents drawings and other records connected with the work as secret/confidential documents and shall not communicate information derived therefrom to any person other than a person to whom I/We am/are authorised to communicate the same or use the information in any manner prejudicial to the safety of BAIF INSTITUTE FOR SUSTAINABLE LIVELIHOODS AND DEVELOPMENT, PUNJAB.

Yours faithfully

Name and Signature of Authorised Person……

Date & Place……..

Seal of the firm/company/entity:

Quotation / Tender Value

I am ready to supply the following items at the below mentioned rates **(Please provide rates for 1 site. Total – 03 sites).**

Sr. No.	Technical Specifications	Unit	Qty (Set)	Rate/Unit Excluding GST	GST	Total Amount
1	7.5 HP Solar PV Modules **(Topcon bifacial**)- 585 Wp, 12 Nos., Type- HI Tech, Make – **(Luminous/Panasonic/Vikram)** with 25 Year Warranty.	WP	7020			
2	Module Mounting Structure with civil work as per sire requirement- Hot Dip Galvanized and no. of solar panel to be installed	Kg	230			
3	Solar Pump Controller-7.5 HP-DC, With 5 Year Warranty (Shakti, Crompton, Amrut, Rotomag	No.	1			
4	7.5 HP DC Submersible pump with motor, 10 LPS for 60 M Head (Amrut/Shakti/Roto MAG) backed by a 5- year warranty	No.	1			
5	Submersible pump safety rope-Nylon 12 mm rope	Kg	4			
6	SUB Cable copper, 1 m (Flat cable copper 2.5sqmm 3core, Polycab) for Solar DC pump	Meter	50			
7	Sub Cable 4 Sq.mm 3 Core Polycab for controller	Meter	5			
8	Sub Cable 4 Sq.mm 3 Core Polycab for Lightning arrestor	Meter	5			
9	Earthing Kit (Earthing of LA, DC controller & Pannel module) -rod Dia 14 mm, 1.5 Meter Long (100 Micron copper coated Solid earthing electrode) With 5 kg Earthing compound and GI wire -10 metres for Structure. (Zinc powder must be poured beneath for the better productivity).	No.	3			
10	Lightning arrestor LA:5 spikes with 80 mm Length with 8 mm Dia., 20 mm Dia. HDG rod Spike:05 Spike, Height of pipe:5 m, thickness of pipe:1 mm, Base Plate :80 mm Dia. with 6mm thickness	No.	1			
11	80 MM (3 inch) Dia, 6 Meter Length Heavy Class (c-class) GI Pipe Conforming to IS 1239(Part1)	No.	5			

12	AMC- 3 Year (AMC amount should be paid to local youth monthly)1	SET	1			
13	System Testing, Transportation Installation, Integration, Commissioning of system, 5 Year Servicing	No.	1			
14	Boring / Drilling Work Diameter 8 inch (204 mm), minimum depth 60 m, including drilling in all types of soil/strata encountered at site, removal of drilling cuttings/muck, necessary equipment, labour, water and all other incidental works complete as directed by the Site Engineer. Depth may be incidental works complete as directed by the Site Engineer. Depth may be incidental works complete as directed by the Site Engineer. Depth may be extended further if adequate water level is not achieved at site.	RM	70			
15	Providing, lowering and fixing of ISI-marked uPVC casing pipe, 8 inch (204 mm) diameter, 10 kg/cm² pressure class of approved brand Finolex / Supreme / Astral, including slotted/perforated (strainer) uPVC pipe of the same diameter and pressure rating in the aquifer zone, jointing with heavy-duty uPVC solvent cement (Astral Bond / Supreme Solvent Cement / Finolex Solvent Cement) to ensure leak-proof joints, including all necessary fittings, lowering, fixing and labour, complete as directed by the Site Engineer	RM	70			
16	Excavation for foundation in earth, soil of all types, sand, gravel, soft and hard Murrum, including removing the excavated material up to a distance of 50 m beyond the building area and stacking and spreading as directed, dewatering, preparing the bed for the foundation and necessary back filling, ramming, watering including shoring and strutting etc. complete. (Lift up to 1.5 m.) Depth of trench will be 90 cm for underground pipe.					
	Rising Main line Excavation	Cum	194.4			

Sr. No.	Technical Specifications	Unit	Qty (Set)	Rate/Unit Excluding GST	GST	Total Amount
17	Refilling for foundation in earth, soil of all types, sand, gravel, soft and hard Murrum, including removing the excavated material up to a distance of 50 m beyond the building area and stacking and spreading as directed, dewatering, preparing the bed for the foundation and necessary back filling, ramming, watering including shoring and strutting etc. complete. (Lift up to 1.5 m.) Depth of trench will be 90 cm for underground pipe.					
	Rising Main line Refiling	Cum	194.4			
18	Providing and supplying in standard lengths Polyethylene Pipe, confirming to lS 4984/14151/12786/ 13488 with necessary jointing material like mechanical connector i.e. thread / insert joint / quick release coupler joint / compression fitting joint or flanged joint excluding coupler/specials, including transportation from stores to site of work, inspection charges, excluding GST levied by GOI & GoUK in all respect. As per IS:4984-2016, the pipes upto 110 mm dia. should be supplied in coil form only.)					
	IX H.D.P.E. pipes PE 100, 90 MM, 6 kg/sq. cm Make Jain	RMT	460			
19	Lowering, Laying and Jointing H.D.P.E./M.D.P.E. pipes in proper position including all specials by compression fitting/electrofusion and butt fusion jointing procedure as per relevant lS Code complete with all materials for jointing procedure like Electrofusion machine, Electric heater/butt fusion welding machine with hydraulic jack, top loading clamp etc. and all labours as directed by engineer in charge as per IS-7634 Part II. (The main line's length can vary depending on the requirement) IX H.D.P.E. pipes PE 100, 90 MM, 6 kg/sq cm Make Jain					
	IX H.D.P.E. pipes PE 100, 90 MM, 6 kg/sq. cm Make Jain	RMT	460			

Sr. No.	Technical Specifications	Unit	Qty (Set)	Rate/Unit Excluding GST	GST	Total Amount
20	Providing, supplying and Installation of ISI mark Cl D/F reflux valves (non-return valves) of following Dia including transportation from stores to site of					
	work, inspection charges, excluding GST levied by GOI & GOUK in all respect etc. complete. Reflux valves as per IS.5312 Part I (1984) a) Without bypass arrangement PN -1					
	80mm., Brand name-Kirloskar Brothers Ltd. (KBL)/L&T (Audco)/Oswal Valves	No.	1			
21	Providing, supplying and Installation of Butterfly valve (50mm) confirming for lS 14846including worn gear arrangements as per test pressure, stainless steel spindle, caps, including inspection charges, transportation from stores to site of work excluding GST levied by GOI & GOUK in all respect etc. complete. As Per Market Rate					
	50 mm, Brand name-Kirloskar Brothers Ltd. (KBL)/L&T (Audco)/Oswal Valves	No.	2			
22	Providing, supplying and Installation of Pressure Relief valve (50mm) confirming for lS14846 including worn gear arrangements as per test pressure, stainless steel spindle, caps, including inspection charges, transportation from stores to site of work excluding GST levied by GOI & GOUK in all respect etc. complete, Brand name-Kirloskar Brothers Ltd. (KBL)/L&T (Audco)/Oswal Valves	No.	2			
23	Providing, supplying and Installation of C.I. air valves as directed by Engineer-in-charge including cost of conveyance from stores to site of work, cost of all material and giving satisfactory hydraulic testing etc. complete. (for all class of valves)	No.	2			
	25 mm, Brand name-Kirloskar Brothers Ltd. (KBL)/L&T (Audco)/Oswal Valves					

Sr. No.	Technical Specifications	Unit	Qty (Set)	Rate/Unit Excluding GST	GST	Total Amount
24	PP Ball valves (63 mm) with Elbow at Outlet Points of Main Line with a fixed permanent concrete structure at every outlet (Every Outlet will be installed using GI pipe or H.D.P.E pipe) (The number of outlets might vary according on the	No.	10			
	needs), Brand Name-Jain Irrigation/Netafim/Finolex/Astral/Supreme					
25	Providing and erecting chain link fencing 1.6 M. height with G.I. chain link of size 50 x 50 mm, 10 gauge thick and fixed 75 mm above ground level on vertical M.S. Angles of 40 x 40 x 6 mm size, including excavating pits for foundation and embedded in C.C. block of 1:4:8 mix of size 450 x 450 x1050 mm. at 1.75 M. c/c with iron bar 16mm Dia as hold fast including welding link with angle frame at30 cm c/c with nuts and bolts and horizontal M.S. Angles at top and bottom of 25 x 25 x 5 mm size and vertical M.S. flat 35 x 5 mm and 25 x 5 mm horizontal including cross support of 40 x 40 x 6 mm angles both side at every corner or bend embedded in concrete blocks of 1:4:8 of size 450 x 450 x 1050 mm including 3 coats of oil painting etc. complete	RMT	50			
26	Providing and fixing mild steel grill gate with frame made of MS angle 40 mm × 40 mm × 6 mm and internal members of MS angle 35 mm × 35 mm × 5 mm, with vertical members placed at 150 mm c/c and diagonal flats as per the detailed drawing, including hinges, pivot block, locking arrangement, welding, riveting, and applying three coats of approved oil paint, complete in all respects	Sqm.	1.9			
27	Providing and obtaining Comprehensive Insurance Coverage for Solar Lift Irrigation System including theft, fire, lightning, flood, storm, earthquake, natural calamities, accidental damages, animal attacks, and all other risks for complete system protection. For Three Years	No.	3 years			

Sr. No.	Technical Specifications	Unit	Qty (Set)	Rate/Unit Excluding GST	GST	Total Amount
28	Hi-Tech Automatic Solar Panel Cleaning Sprinkler Shower Set: 8 in No. micro-sprinkler nozzles, 1" Finolex CPVC main pipe – 10 m, 3/4" Finolex CPVC header/branch pipe – 30 m, 1 No. filter, 1 in No. automatic solenoid valve, required tees/elbows/end caps and pipe clamp	Set	1			
29	Installation of Semi Integrated Solar Street Light with 24-Watt LED and 80 Wp Monocrystalline Solar Panel, including necessary 3inch GI poles at the SLI site.	No.	1			
30	Signage board with iron sheet and stand of the Board (Dimension: 3 ft x 4 ft, Angle 40 x 40 x 6 mm & Iron sheet -18 Gauge, 2ft underground footing, 3.5 ft above ground approx. weight 40 kg) including painting and writing on both sides with installation.	No.	1			
31	Providing, supplying, installing, testing and commissioning of approved make DN 100 mm water meter, suitable for water supply application and compatible with 90 mm OD HDPE PE-100 rising main, complete with 2 Nos. matching flanges, 2Nos. suitable bush/nipple, 8 Nos. nuts and bolts, gaskets, washers, sealing materials and all necessary fittings/accessories, including required reducers/adaptors for connection with 90 mm HDPE pipe, labour, fixing, alignment, testing and commissioning, complete in all respects as directed by Engineer-in-Charge.	No.	1			

***Note- For one of three site, one additional butterfly valve and one pressure relief valve will be required, as the discharge from the pump will be distributed into two separate lines.

Terms and conditions:

1. Taxes: Including/Additional @_____%

2. Transportation Cost: Included/Additional charged @_____.

3. Any additional information

Date:

Signature with Stamp: