

कार्यालय अधिशासी अभियन्ता, लघु सिंचाई खण्ड, हरिद्वार।

पत्रांक 898 / ल0सि0 / सोलर / 2022-23

दिनांक 06 मार्च, 2023

कोटेशन सूचना

अधोहस्ताक्षरी द्वारा लघु सिंचाई खण्ड, हरिद्वार हेतु निम्न सामग्री की आपूर्ति के लिए दर निर्धारण एवं Vendors को सूचीबद्ध करने हेतु दिनांक 20.03.2023 तक किसी भी कार्यालय दिवस में अधिकृत डीलर/निर्माता कम्पनियों द्वारा 2 बिड (तकनीकी और वित्तीय जो कि अलग-अलग सील बन्द लिफाफे में हों) कोटेशन कार्यालय अधिशासी अभियन्ता, लघु सिंचाई खण्ड, हरिद्वार में आमंत्रित किये जाते हैं। जोकि मुख्य अभियन्ता एवं विभागाध्यक्ष द्वारा गठित समिति के द्वारा कार्यालय मुख्य अभियन्ता एवं विभागाध्यक्ष के बैठक कक्ष में दिनांक 21.03.2023 को अपराहन 2:30 बजे खोले जायेंगे।

- 1- Design, manufacture, Supply, Transport, Installation, Testing and Commissioning of Off Grid Solar Photovoltaic Water Pumping Systems of 1-15 HP in District- Haridwar including complete system warranty and its repair and maintenance for 5 years.

Technical Specification of the Solar Pump Component:-

- Solar Photo Voltaic (SPV) Array (ISI4286/IEC 61215 specifications or equivalent).
 - Motor Pump Set (AC/ DC, Surface/Submersible Water filled)
 - The pump and all external parts of motor used in Submersible pump which are in contact with water, should be of stainless steel of grade 304 or higher as required.
 - Module Mounting Structure and Tracking System- The module mounting structure should be hot dip galvanized according to IS 4759 with strength and appropriate design.
 - Earthing Arrangement- Earthing of the motor shall be done as per IS 9283 in accordance with the relevant provisions of IS 3043. Separate earthing shall be provided for controller, pump and SPV array.
 - SPV Controller- Maximum Power Point Tracker (MPPT) shall be included to optimally use the power available from the SPV array and maximize the water discharge. The SPV Controller must have IP(65) protection or shall be housed in a cabinet having at least IP(65) protection.
- 1- HDPE Pipe (IS4984) dia. 20 mm to 250mm/Pressure rating- 6kg to 12.5 kg/PE-80. Including Supply, Transport, Installation, Testing and Commissioning.
- 2- HDPE Pipe fitting dia. 20mm to 250mm.
- Note:- a- Detail of Technical specification of Solar Photovoltaic Water Pumping Systems can be collected from Minor Irrigation Division, Roshnabad, Haridwar. For further detailed information visit our website <https://minorirrigation.uk.gov.in>
 - Quotation for each Items (Solar Pump/HDPE pipe/fittings etc.) should be submit in separate envelopes.
 - Those Vendors who is interested to participate in Quotation had installed minimum 200 pumps in previous 2 years in various Government Department/Government Agencies.
 - Quoted rate should be without GST.
 - Duly signed application and related information will be submitted in sealed envelope by Dated 20-03-2023 in Minor Irrigation Division, Roshnabad, Haridwar.

Executive Engineer,
Minor Irrigation Division,
Haridwar.

कार्यालय अधिशासी अभियन्ता, लघु सिंचाई खण्ड, ऊधमसिंहनगर।

पत्रांक 1278 / ल0सि0/सोलर/2022-23

दिनांक 6 फरवरी, 2023
माच

कोटेशन सूचना

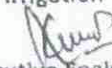
अधोहस्ताक्षरी द्वारा लघु सिंचाई खण्ड, रुद्रपुर हेतु निम्न सामग्री की आपूर्ति के लिए दर निर्धारण हेतु दिनांक 20.03.2023 तक किसी भी कार्यालय दिवस में अधिकृत डीलर/निर्माता कम्पनियों द्वारा 2 बिड (तकनीकी और वित्तीय जो कि अलग-अलग सील बन्द लिफाफे में हों) कोटेशन कार्यालय अधिशासी अभियन्ता, लघु सिंचाई खण्ड, ऊधमसिंह नगर (रुद्रपुर) में आमंत्रित किये जाते हैं। जोकि मुख्य अभियन्ता एवं विभागाध्यक्ष द्वारा गठित समिति के द्वारा कार्यालय मुख्य अभियन्ता एवं विभागाध्यक्ष के वैचक कक्ष में 21.03.2023 को अपराह्न 2:30 बजे खोले जायेंगे।

- 1- Design, manufacture, Supply, Transport, Installation, Testing and Commissioning of Off Grid Solar Photovoltaic Water Pumping Systems of 1-15 HP in District- Haridwar including complete system warranty and its repair and maintenance for 5 years.

Technical Specification of the Solar Pump Component:-

- (a) Solar Photo Voltaic (SPV) Array (ISI4286/IEC 61215 specifications or equivalent).
 - (b) Motor Pump Set (AC/ DC, Surface/Submersible Water filled)
 - i. The pump and all external parts of motor used in Submersible pump which are in contact with water, should be of stainless steel of grade 304 or higher as required.
 - (c) Module Mounting Structure and Tracking System- The module mounting structure should be hot dip galvanized according to IS 4759 with strength and appropriate design.
 - (d) Earthing Arrangement- Earthing of the motor shall be done as per IS 9283 in accordance with the relevant provisions of IS 3043. Separate earthing shall be provided for controller, pump and SPV array.
 - (e) SPV Controller- Maximum Power Point Tracker (MPPT) shall be included to optimally use the power available from the SPV array and maximize the water discharge. The SPV Controller must have IP(65) protection or shall be housed in a cabinet having at least IP(65) protection.
- 2- HDPE Pipe (IS4984) dia. 20 mm to 250mm/Pressure rating- 6kg to 12.5 kg/PE-80. Including Supply, Transport, Installation, Testing and Commissioning.
 - 3- HDPE Pipe fitting dia. 20mm to 250mm.

- Note:-
- a- Detail of Technical specification of Solar Photovoltaic Water Pumping Systems can be collected from Minor Irrigation Division, Rudrapur, Udham Singh Nagar.
 - b- Quotation for each Items (Solar Pump/HDPE pipe/fittings etc.) should be submit separate envelope.
 - c- Please visit our website for further detailed information from <https://minorirrigation.uk.gov.in>
 - d- Those Vendors who is interested to participate in Quotation had installed minimum 200 pumps in previous 2 years in various Government department/Government Agencies.
 - e- Quoted rate should be without GST.
 - f- Duly signed application and related information will be submitted in sealed envelope by Dated 20-03-2023 in Minor Irrigation Division Udham Singh Nagar.


Executive Engineer,
Minor Irrigation Division,
Udham Singh Nagar.