

JAWAHARLAL NEHRU UNIVERSITY
NEW DELHI-110067
ENGINEERING DEPARTMENT

19.09.2024

CORRIGENDUM-2

NIT No. JNU/Engg./11/2024-25 / Tender ID No. 2024_JNU_824813_1

Name of work- Up-gradation of water supply pumping system at JNU Campus

Due to typographical error in the schedule of quantities / BOQ, following amendment is being issued for the information of all probable bidder(s). All bidder(s) may kindly quote their rates accordingly:-

BOQ	Existing	Amendment
Item No.1	<p>Supply, Installation, Testing & Commissioning of Electrical motor driven horizontal split casing (HSC) type single stage pump sets suitable for the mentioned components, capacities and specification</p> <p>a) Pump:- 140 m3/hr capacity at head of 110 meter, 2950 RPM capacity horizontal split casing type single stage pump having CI casing, Bronze impeller, CI shaft sleeve, wearing rings of CI impeller, shaft of Carbon steel-40 & mechanical seal etc as required. Suction/delivery size is (125mm x 100mm) (Efficiency not less than 65% at duty point)</p> <p>b) Motor:- Foot mounted Copper wound squirrel cage induction motor totally enclosed fan cooled(TEFC) type of 100 HP/75 kW, 3000 RPM for operation on 415 V \pm 10 % , 50 Hz, 3-phase A.C. power supply conforming to IS: 325/IS 12615:2011 and with F class insulation and coupling, coupling guard & f-bolts etc. as required.</p> <p>c) Base Plate:- Fabrication from suitable structural M.S. channel as per manufacturer's/JNU Engineer's recommendations for mounting both pump and motor there on duly finished and painted with synthetic enamelled paint, Nut & bolts etc. for complete motor & pump set.</p> <p>d) Foundation:- Suitable C.C. pump foundation as per manufacturer's design anti vibration (cushy foot) heavy duty mounting pads of approved design duly finished with cement plaster etc complete as required.</p> <p>e) Priming Arrangement:- Priming Arrangement with suitable size of GI pipe, Union, Socket, elbow etc. complete as required from discharge line to pump casing including dismantling of old existing pump sets, GI pipes, valves, foundation etc complete as required.</p> <p>f) Arrangement of suitable range of Pressure gauge.</p> <p>Location:- East gate pumping station (for water feeding from circular sump)</p>	<p>Supply, Installation, Testing & Commissioning of Electrical motor driven horizontal split casing (HSC) type pump sets with following mentioned components, capacities and specifications:</p> <p>a) Pump:- 140 m3/hr capacity at head of 110 meter, 2950 RPM capacity horizontal split casing type single/double stage pump having CI casing, Bronze impeller, CI shaft sleeve, wearing rings of CI impeller, shaft of Carbon steel-40 & mechanical seal etc as required. Suction/delivery size is (125mm x 100mm) (Efficiency not less than 65% at duty point)</p> <p>b) Motor:- Foot mounted Copper wound squirrel cage induction motor totally enclosed fan cooled(TEFC) type of 100 HP/75 kW, 3000 RPM for operation on 415 V \pm 10 % , 50 Hz, 3-phase A.C. power supply conforming to IS: 325/IS 12615:2011 and with F class insulation and coupling, coupling guard & f-bolts etc. as required.</p> <p>c) Base Plate:- Fabrication from suitable structural M.S. channel as per manufacturer's / JNU Engineer's recommendations for mounting both pump and motor there on duly finished and painted with synthetic enamelled paint, Nut & bolts etc. for complete motor & pump set.</p> <p>d) Foundation:- Suitable C.C. pump foundation as per manufacturer's design anti vibration (cushy foot) heavy duty mounting pads of approved design duly finished with cement plaster etc complete as required.</p> <p>e) Priming Arrangement:- Priming Arrangement with suitable size of GI pipe, Union, Socket, elbow etc. complete as required from discharge line to pump casing including dismantling of old existing pump sets, GI pipes, valves, foundation etc complete as required.</p> <p>f) Arrangement of suitable range of Pressure gauge.</p> <p>Location:- East gate pumping station (for water feeding from circular sump)</p>
Item No. 13	<p>Supply, Installation, Testing & Commissioning of Electrical motor driven horizontal split casing casing (HSC) type single stage pump sets suitable for the mentioned components, capacities and specification</p> <p>a) Pump:- 140 m3/hr capacity at head of 90 meter, 2950 RPM capacity horizontal split casing type single stage pump having CI casing, Bronze impeller, CI shaft sleeve, wearing rings of CI impeller, shaft of Carbon steel-40 & mechanical seal etc as required. Suction/delivery size is (125mm x 100mm). (Efficiency not less than 70 % at duty point)</p> <p>b) Base Plate:- Fabrication from suitable structural M.S. channel as per manufacturer's/JNU Engineer's</p>	<p>Supply, Installation, Testing & Commissioning of Electrical motor driven horizontal split casing casing (HSC) type pump sets with following mentioned components, capacities and specifications:</p> <p>a) Pump:- 140 m3/hr capacity at head of 90 meter , 2950 RPM capacity horizontal split casing type single/double stage pump having CI casing, Bronze impeller, CI shaft sleeve, wearing rings of CI impeller, shaft of Carbon steel-40 & mechanical seal etc as required. Suction/delivery size is (125mm x 100mm). (Efficiency not less than 70 % at duty point)</p>

<p>recommendations for mounting both pump and motor there on duly finished and painted with synthetic enamelled paint, Nut & bolts etc. for complete motor & pump set.</p> <p>c) Foundation:- Suitable C.C. pump foundation as per manufacturer's design anti vibration (cushy foot) heavy duty mounting pads of approved design duly finished with cement plaster etc.</p> <p>d) Priming Arrangement:- Priming Arrangement with suitable size of GI pipe, Union, Socket, elbow etc. complete as required from discharge line to pump casing including dismantling of old existing pump sets, GI pipes, valves, foundation etc complete as required.</p> <p>e) Arrangement of suitable range of Pressure gauge.</p> <p>Location:- East gate pumping station (for water feeding from rectangular sump)</p>	<p>b) Base Plate:- Fabrication from suitable structural M.S. channel as per manufacturer's/JNU Engineer's recommendations for mounting both pump and motor there on duly finished and painted with synthetic enamelled paint, Nut & bolts etc. for complete motor & pump set.</p> <p>c) Foundation:- Suitable C.C. pump foundation as per manufacturer's design anti vibration (cushy foot) heavy duty mounting pads of approved design duly finished with cement plaster etc.</p> <p>d) Priming Arrangement:- Priming Arrangement with suitable size of GI pipe, Union, Socket, elbow etc. complete as required from discharge line to pump casing including dismantling of old existing pump sets, GI pipes, valves, foundation etc complete as required.</p> <p>e) Arrangement of suitable range of Pressure gauge.</p> <p>f) The pump shall be coupled with existing 75 HP motor with suitable coupling and other accessories to make the complete pump set functional as per site requirement.</p> <p>Location:- East gate pumping station (for water feeding from rectangular sump)</p>
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Executive Engineer (E)