

Item Rate BoQ

Tender Inviting Authority: General Manager (Civil)/ Welfare & Services, CCL, Ranchi

Name of the Work / Contract No: Annual rate contract for repair of pump motor installed at DHC, JNC, GNC, RNC, CCL for a period of two year. Vide NIT No. 24 of 25-26 .

| | Category of Services (To Be Selected by Department) | Category of Bidder (To Be Selected by Bidder) | To Be Entered by Department | | | |
|--|---|---|-----------------------------|-------------------|-----------------------------------|---|
| ITC Not Available | Works Contract | Bidder's Status (Mandatory) | Rate of GST (in %) | Total GST(in Rs.) | GST to be Paid By Bidder (in Rs.) | GST to be Paid By CIL/Subsidiary (in Rs.) |
| Name of the Bidder/ Bidding Firm / Company : | | Select | 18 | 0.00 | 0.00 | 0.00 |

PRICE SCHEDULE

(This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevent columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)

| NUMBER # | TEXT # | NUMBER # | TEXT # | NUMBER | NUMBER # | NUMBER # | TEXT # |
|----------|--|----------|--------|-------------------------|--|-------------------------------------|-----------------------|
| Sl. No. | Item Description | Quantity | Units | Estimated Rate in Rs. P | BASIC RATE in Figures To be entered by the Bidder in Rs. P | TOTAL AMOUNT Without Taxes in Rs. P | TOTAL AMOUNT In Words |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 1 | Submersible Pump and Motor, 2/3 HP Pump. | | | | | | |
| 1.01 | Providing & fixing including testing and commissioning of Impellers . | 100.00 | Each | | | 0.00 | INR Zero Only |
| 1.02 | Providing and fixing including testing and commissioning of Stage Casing (diffuser)- | 30.00 | Each | | | 0.00 | INR Zero Only |
| 1.03 | Providing and fixing including testing and commissioning of L.S Impeller- | 4.00 | Each | | | 0.00 | INR Zero Only |
| 1.04 | Providing and fixing including testing and commissioning of L.S diffuser- | 4.00 | Each | | | 0.00 | INR Zero Only |
| 1.05 | Providing and fixing including testing and commissioning of Casing wearing Ring- | 4.00 | Each | | | 0.00 | INR Zero Only |
| 1.06 | Providing and fixing including testing and commissioning of S.S Ring | 4.00 | Each | | | 0.00 | INR Zero Only |
| 1.07 | Providing and fixing including testing and commissioning of Hex Head bolt & washer . | 4.00 | Each | | | 0.00 | INR Zero Only |
| 1.08 | Providing and fixing including testing and commissioning of coupling. | 4.00 | Each | | | 0.00 | INR Zero Only |
| 1.09 | Providing and fixing including testing and commissioning of Shaft- | 1.00 | Each | | | 0.00 | INR Zero Only |
| 1.10 | Providing and fixing including testing and commissioning of Suction Casing- | 4.00 | Each | | | 0.00 | INR Zero Only |
| 1.11 | Providing and fixing including testing and commissioning of Impeller Sleeve End- | 1.00 | Each | | | 0.00 | INR Zero Only |
| 1.12 | Providing and fixing including testing and commissioning of NRV assembly- | 2.00 | Each | | | 0.00 | INR Zero Only |
| 1.13 | Providing and fixing including testing and commissioning of Screw Round Head- | 10.00 | Each | | | 0.00 | INR Zero Only |
| 1.14 | Providing and fixing including testing and commissioning of Stage Bush- | 4.00 | Each | | | 0.00 | INR Zero Only |

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|------|---|-------|------|--|--|------|---------------|
| 1.15 | Providing and fixing including testing and commissioning of Pump Housing- | 2.00 | Each | | | 0.00 | INR Zero Only |
| 1.16 | Providing and fixing including testing and commissioning of Opening and fitting charge. | 10.00 | Each | | | 0.00 | INR Zero Only |
| 2 | 2/3 HP Motor | | | | | | |
| 2.01 | Providing and fixing including testing and commissioning of New Rotor. | 2.00 | Each | | | 0.00 | INR Zero Only |
| 2.02 | Providing and fixing including testing and commissioning of Rewinding charge. | 5.00 | Each | | | 0.00 | INR Zero Only |
| 2.03 | Providing and fixing including testing and commissioning of Stud. | 2.00 | Each | | | 0.00 | INR Zero Only |
| 2.04 | Providing and fixing including testing and commissioning of Oil seal. | 6.00 | Each | | | 0.00 | INR Zero Only |
| 2.05 | Providing and fixing including testing and commissioning of Cap nut. | 6.00 | Each | | | 0.00 | INR Zero Only |
| 2.06 | Providing and fixing including testing and commissioning of Sand Guard. | 6.00 | Each | | | 0.00 | INR Zero Only |
| 2.07 | Providing and fixing including testing and commissioning of Core repairing Charge. | 2.00 | Each | | | 0.00 | INR Zero Only |
| 2.08 | Providing and fixing including testing and commissioning of Thrust SUP Plate. | 2.00 | Each | | | 0.00 | INR Zero Only |
| 2.09 | Providing and fixing including testing and commissioning of Thrust SUP segment . | 6.00 | Each | | | 0.00 | INR Zero Only |
| 2.10 | Providing and fixing including testing and commissioning of Bush. | 1.00 | Each | | | 0.00 | INR Zero Only |
| 2.11 | Providing and fixing including testing and commissioning of Lath work. | 10.00 | Each | | | 0.00 | INR Zero Only |
| 3 | Submersible Pump and Motor 5 HP Pump. | | | | | | |
| 3.01 | Providing and fixing including testing and commissioning of Impellers. | 50.00 | Each | | | 0.00 | INR Zero Only |
| 3.02 | Providing and fixing including testing and commissioning of Stage Casing (diffuser). | 50.00 | Each | | | 0.00 | INR Zero Only |
| 3.03 | Providing and fixing including testing and commissioning of L.S Impeller. | 2.00 | Each | | | 0.00 | INR Zero Only |
| 3.04 | Providing and fixing including testing and commissioning of L.S diffuser. | 2.00 | Each | | | 0.00 | INR Zero Only |
| 3.05 | Providing and fixing including testing and commissioning of Casing wearing Ring. | 4.00 | Each | | | 0.00 | INR Zero Only |
| 3.06 | Providing and fixing including testing and commissioning of S.S. Ring. | 2.00 | Each | | | 0.00 | INR Zero Only |
| 3.07 | Providing and fixing including testing and commissioning of Hex Head bolt & washer. | 4.00 | Each | | | 0.00 | INR Zero Only |
| 3.08 | Providing and fixing including testing and commissioning ofCoupling- | 2.00 | Each | | | 0.00 | INR Zero Only |
| 3.09 | Providing and fixing including testing and commissioning of Shaft- | 2.00 | Each | | | 0.00 | INR Zero Only |
| 3.10 | Providing and fixing including testing and commissioning of Suction Casing. | 2.00 | Each | | | 0.00 | INR Zero Only |
| 3.11 | Providing and fixing including testing and commissioning of Impeller Sleeve End- | 2.00 | Each | | | 0.00 | INR Zero Only |
| 3.12 | Providing and fixing including testing and commissioning of NRV assembly. | 1.00 | Each | | | 0.00 | INR Zero Only |
| 3.13 | Providing and fixing including testing and commissioning of Screw Round Head. | 5.00 | Each | | | 0.00 | INR Zero Only |
| 3.14 | Providing and fixing including testing and commissioning of Stage Bush- | 2.00 | Each | | | 0.00 | INR Zero Only |

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| 3.15 | Providing and fixing including testing and commissioning of Pump Housing- | 2.00 | Each | | | 0.00 | INR Zero Only |
| 3.16 | Providing and fixing including testing and commissioning of Opening and fitting charge. | 5.00 | Each | | | 0.00 | INR Zero Only |
| 4 | 5 HP Motor | | | | | | |
| 4.01 | Providing and fixing including testing and commissioning of New Rotor. | 2.00 | Each | | | 0.00 | INR Zero Only |
| 4.02 | Providing and fixing including testing and commissioning of Rewinding charge. | 4.00 | Each | | | 0.00 | INR Zero Only |
| 4.03 | Providing and fixing including testing and commissioning of Stud. | 2.00 | Each | | | 0.00 | INR Zero Only |
| 4.04 | Providing and fixing including testing and commissioning of Oil seal. | 2.00 | Each | | | 0.00 | INR Zero Only |
| 4.05 | Providing and fixing including testing and commissioning of Cap nut. | 2.00 | Each | | | 0.00 | INR Zero Only |
| 4.06 | Providing and fixing including testing and commissioning of Sand Guard. | 2.00 | Each | | | 0.00 | INR Zero Only |
| 4.07 | Providing and fixing including testing and commissioning of Core repairing Charge. | 2.00 | Each | | | 0.00 | INR Zero Only |
| 4.08 | Providing and fixing including testing and commissioning of Thrust SUP Plate. | 2.00 | Each | | | 0.00 | INR Zero Only |
| 4.09 | Providing and fixing including testing and commissioning of Thrust SUP segment . | 1.00 | Each | | | 0.00 | INR Zero Only |
| 4.10 | Providing and fixing including testing and commissioning of Bush including Lath work. | 5.00 | Each | | | 0.00 | INR Zero Only |
| 5 | Submersible Pump and Motor, 7.5 / 10 HP,Pump. | | | | | | |
| 5.01 | Providing and fixing including testing and commissioning of Impellers. | 40.00 | Each | | | 0.00 | INR Zero Only |
| 5.02 | Providing and fixing including testing and commissioning of Stage Casing (diffuser). | 40.00 | Each | | | 0.00 | INR Zero Only |
| 5.03 | Providing and fixing including testing and commissioning of L.S Impeller. | 2.00 | Each | | | 0.00 | INR Zero Only |
| 5.04 | Providing and fixing including testing and commissioning of L.S diffuser. | 2.00 | Each | | | 0.00 | INR Zero Only |
| 5.05 | Casing wearing Ring. | 4.00 | Each | | | 0.00 | INR Zero Only |
| 5.06 | Providing and fixing including testing and commissioning of S.S. Ring . | 2.00 | Each | | | 0.00 | INR Zero Only |
| 5.07 | Providing and fixing including testing and commissioning of Hex Head bolt & washer. | 2.00 | Each | | | 0.00 | INR Zero Only |
| 5.08 | Providing and fixing including testing and commissioning of Coupling. | 2.00 | Each | | | 0.00 | INR Zero Only |
| 5.09 | Providing and fixing including testing and commissioning of Shaft. | 2.00 | Each | | | 0.00 | INR Zero Only |
| 5.10 | Providing and fixing including testing and commissioning of Suction Casing. | 2.00 | Each | | | 0.00 | INR Zero Only |
| 5.11 | Providing and fixing including testing and commissioning of Impeller Sleeve End. | 2.00 | Each | | | 0.00 | INR Zero Only |
| 5.12 | Providing and fixing including testing and commissioning of NRV assembly. | 1.00 | Each | | | 0.00 | INR Zero Only |
| 5.13 | Providing and fixing including testing and commissioning of Screw Round Head- . | 5.00 | Each | | | 0.00 | INR Zero Only |
| 5.14 | Providing and fixing including testing and commissioning of Stage Bush- | 2.00 | Each | | | 0.00 | INR Zero Only |
| 5.15 | Providing and fixing including testing and commissioning of Pump Housing- | 2.00 | Each | | | 0.00 | INR Zero Only |
| 5.16 | Providing and fixing including testing and commissioning of Opening and fitting charge- | 10.00 | Each | | | 0.00 | INR Zero Only |
| 6 | 7.5/10 HP Motor | | | | | | |
| 6.01 | Providing and fixing including testing and commissioning of New Rotor- | 2.00 | Each | | | 0.00 | INR Zero Only |
| 6.02 | Providing and fixing including testing and commissioning of Rewinding charge. | 10.00 | Each | | | 0.00 | INR Zero Only |
| 6.03 | Providing and fixing including testing and commissioning of Stud. | 2.00 | Each | | | 0.00 | INR Zero Only |
| 6.04 | Providing and fixing including testing and commissioning of Oil seal. | 2.00 | Each | | | 0.00 | INR Zero Only |

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| 6.05 | Providing and fixing including testing and commissioning of Cap nut- | 2.00 | Each | | | 0.00 | INR Zero Only |
| 6.06 | Providing and fixing including testing and commissioning of Sand Guard- | 2.00 | Each | | | 0.00 | INR Zero Only |
| 6.07 | Providing and fixing including testing and commissioning of Core repairing Charge- | 2.00 | Each | | | 0.00 | INR Zero Only |
| 6.08 | Providing and fixing including testing and commissioning of Thrust SUP Plate- | 2.00 | Each | | | 0.00 | INR Zero Only |
| 6.09 | Providing and fixing including testing and commissioning of Thrust SUP segment . | 1.00 | Each | | | 0.00 | INR Zero Only |
| 6.10 | Providing and fixing including testing and commissioning of Bush with lath work. | 2.00 | Each | | | 0.00 | INR Zero Only |
| 7 | Monoblock Pump and Motor 3 HP. | | | | | | |
| 7.01 | Providing and fixing of impeller as required- each. | 1.00 | Each | | | 0.00 | INR Zero Only |
| 7.02 | Re-metaling of shaft including fitting of the same as required. | 2.00 | Each | | | 0.00 | INR Zero Only |
| 7.03 | Providing and fixing of bush as required. | 4.00 | Each | | | 0.00 | INR Zero Only |
| 7.04 | Providing and fitting of bearing ND & DE side as required. | 4.00 | Each | | | 0.00 | INR Zero Only |
| 7.05 | Overhauling as required. | 5.00 | Each | | | 0.00 | INR Zero Only |
| 7.06 | Rewinding, Installation, testing & commissioning including all required material excluding scrape material. | 5.00 | Each | | | 0.00 | INR Zero Only |
| 7.07 | Providing and fixing of shaft as required. | 2.00 | Each | | | 0.00 | INR Zero Only |
| 7.08 | Providing and fixing of Thrust plate as required. | 2.00 | Each | | | 0.00 | INR Zero Only |
| 7.09 | Re-metaling of Housing as required. | 2.00 | Each | | | 0.00 | INR Zero Only |
| 7.10 | Supply and fixing of Fan blade. | 1.00 | Each | | | 0.00 | INR Zero Only |
| 8 | Monoblock Pump and Motor 5 HP. | | | | | | |
| 8.01 | Providing and fixing of impeller as required- | 1.00 | Each | | | 0.00 | INR Zero Only |
| 8.02 | Rematalling of shaft including fitting of the same as required. | 2.00 | Each | | | 0.00 | INR Zero Only |
| 8.03 | Providing and fixing of Bhsh DE/ ND as required.- | 2.00 | Each | | | 0.00 | INR Zero Only |
| 8.04 | Providing and fitting of bearing ND / DE side as required. | 2.00 | Each | | | 0.00 | INR Zero Only |
| 8.05 | Overhauling as required. | 5.00 | Each | | | 0.00 | INR Zero Only |
| 8.06 | Rewinding, Installation, testing & connection including all required material excluding scrape material | 5.00 | Each | | | 0.00 | INR Zero Only |
| 8.07 | Providing and fixing of shaft as required. | 1.00 | Each | | | 0.00 | INR Zero Only |
| 8.08 | Providing and fixing of Thrust plate as required. | 1.00 | Each | | | 0.00 | INR Zero Only |
| 8.09 | Remettling of Hausing (DE ND)as required. | 2.00 | Each | | | 0.00 | INR Zero Only |
| 8.10 | Supply and fixing of Fan. | 1.00 | Each | | | 0.00 | INR Zero Only |
| 9 | Monoblock Pump and Motor 10 HP. | | | | | | |
| 9.01 | Providing and fixing of impeller as required. | 1.00 | Each | | | 0.00 | INR Zero Only |
| 9.02 | Re metaling of shaft including fitting of the same as required. | 2.00 | Each | | | 0.00 | INR Zero Only |
| 9.03 | Providing and fixing of Bhsh DE/ND as required. | 2.00 | Each | | | 0.00 | INR Zero Only |
| 9.04 | Providing and fitting of bearing ND & DE side as required. | 2.00 | Each | | | 0.00 | INR Zero Only |
| 9.05 | Overhauling as required. | 2.00 | Each | | | 0.00 | INR Zero Only |

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| 9.06 | Rewinding, Installation, testing & connection including all required material excluding scrape material. | 2.00 | Each | | | 0.00 | INR Zero Only |
| 9.07 | Providing and fixing of shaft as required. | 2.00 | Each | | | 0.00 | INR Zero Only |
| 9.08 | Providing and fixing of Thrust plate as required. | 1.00 | Each | | | 0.00 | INR Zero Only |
| 9.09 | Re metaling of Housing as required. | 1.00 | Each | | | 0.00 | INR Zero Only |
| 9.10 | Supply and fixing of Fan. | 1.00 | Each | | | 0.00 | INR Zero Only |
| 10 | Monoblock Pump and Motor 15 HP. | | | | | | |
| 10.01 | Providing and fixing of impeller as required. | 1.00 | Each | | | 0.00 | INR Zero Only |
| 10.02 | Re metaling of shaft including fitting of the same as required | 1.00 | Each | | | 0.00 | INR Zero Only |
| 10.03 | Providing and fixing of Bush DE/ND as required. | 2.00 | Each | | | 0.00 | INR Zero Only |
| 10.04 | Providing and fitting of bearing ND & DE side as required. | 2.00 | Each | | | 0.00 | INR Zero Only |
| 10.05 | Overhauling as required. | 2.00 | Each | | | 0.00 | INR Zero Only |
| 10.06 | Rewinding, Installation, testing & connection including all required material excluding scrape material. | 3.00 | Each | | | 0.00 | INR Zero Only |
| 10.07 | Providing and fixing of shaft as required. | 2.00 | Each | | | 0.00 | INR Zero Only |
| 10.08 | Providing and fixing of Thrust plate as required. | 1.00 | Each | | | 0.00 | INR Zero Only |
| 10.09 | Re metaling of Housing as required. | 1.00 | Each | | | 0.00 | INR Zero Only |
| 10.10 | Supply and fixing of Fan. | 1.00 | Each | | | 0.00 | INR Zero Only |
| 11 | Centrifugal Pump and Motor 45 KW. | | | | | | |
| 11.01 | Providing and fixing of impeller as required. | 1.00 | Each | | | 0.00 | INR Zero Only |
| 11.02 | Repairing of Impeller as required. | 2.00 | Each | | | 0.00 | INR Zero Only |
| 11.03 | Re metaling of shaft including fitting of the same as required. | 1.00 | Each | | | 0.00 | INR Zero Only |
| 11.04 | Providing and fitting of bearing ND / DE side as required. | 5.00 | Each | | | 0.00 | INR Zero Only |
| 11.05 | Overhauling as required. | 3.00 | Each | | | 0.00 | INR Zero Only |
| 11.06 | Rewinding, Installation, testing & connection including all required material excluding scrape material. | 2.00 | Each | | | 0.00 | INR Zero Only |
| 11.07 | Repairing of shaft DE/ ND as required. | 2.00 | Each | | | 0.00 | INR Zero Only |
| 11.08 | Re metaling of Housing (DE ND) as required. | 2.00 | Each | | | 0.00 | INR Zero Only |
| 11.09 | Supply and fixing of Fan. | 1.00 | Each | | | 0.00 | INR Zero Only |
| 11.10 | Providing and fixing of Gland packing as required. | 25.00 | metre | | | 0.00 | INR Zero Only |
| 12 | Dol / star delta starter 3 HP , 3 phase | | | | | | |
| 12.01 | Providing and fixing of Relay as required. | 5.00 | Each | | | 0.00 | INR Zero Only |
| 12.02 | Providing and fixing of Contactor as required. | 5.00 | Each | | | 0.00 | INR Zero Only |
| 12.03 | Providing and fixing of Over load as required. | 5.00 | Each | | | 0.00 | INR Zero Only |
| 12.04 | Providing and fixing of Single-phase preventer as required. | 5.00 | Each | | | 0.00 | INR Zero Only |
| 12.05 | Providing and fixing of Timer as required. | 5.00 | Each | | | 0.00 | INR Zero Only |
| 12.06 | Providing and fixing of Indicator for all as required. | 18.00 | Each | | | 0.00 | INR Zero Only |

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| 13 | DOL/Star delta starter 5 HP | | | | | | |
| 13.01 | Providing and fixing of Relay as required. | 2.00 | Each | | | 0.00 | INR Zero Only |
| 13.02 | Providing and fixing of Contactor as required. | 2.00 | Each | | | 0.00 | INR Zero Only |
| 13.03 | Providing and fixing of Over load as required. | 2.00 | Each | | | 0.00 | INR Zero Only |
| 13.04 | Providing and fixing of Single-phase preventer as required. | 2.00 | Each | | | 0.00 | INR Zero Only |
| 13.05 | Providing and fixing of Timer as required. | 2.00 | Each | | | 0.00 | INR Zero Only |
| 14 | DOL/Star delta starter 7.5 HP | | | | | | |
| 14.01 | Providing and fixing of Relay as required. | 5.00 | Each | | | 0.00 | INR Zero Only |
| 14.02 | Providing and fixing of Contactor as required. | 5.00 | Each | | | 0.00 | INR Zero Only |
| 14.03 | Providing and fixing of Over load as required. | 5.00 | Each | | | 0.00 | INR Zero Only |
| 14.04 | Providing and fixing of Single-phase preventer as required. | 5.00 | Each | | | 0.00 | INR Zero Only |
| 14.05 | Providing and fixing of Timer as required. | 3.00 | Each | | | 0.00 | INR Zero Only |
| 15 | DOL/Star delta starter 10/15 HP | | | | | | |
| 15.01 | Providing and fixing of Relay as required. | 3.00 | Each | | | 0.00 | INR Zero Only |
| 15.02 | Providing and fixing of Contactor as required. | 3.00 | Each | | | 0.00 | INR Zero Only |
| 15.03 | Providing and fixing of Over load as required. | 3.00 | Each | | | 0.00 | INR Zero Only |
| 15.04 | Providing and fixing of Single-phase preventer as required. | 3.00 | Each | | | 0.00 | INR Zero Only |
| 15.05 | Providing and fixing of Timer as required. | 3.00 | Each | | | 0.00 | INR Zero Only |
| 16 | DOL/Star delta starter 60 HP/45 KW | | | | | | |
| 16.01 | Providing and fixing of Relay as required. | 2.00 | Each | | | 0.00 | INR Zero Only |
| 16.02 | Providing and fixing of Contactor as required. | 2.00 | Each | | | 0.00 | INR Zero Only |
| 16.03 | Providing and fixing of Over load as required. | 2.00 | Each | | | 0.00 | INR Zero Only |
| 16.04 | Providing and fixing of Single-phase preventer as required. | 2.00 | Each | | | 0.00 | INR Zero Only |
| 16.05 | Providing and fixing of Timer as required. | 2.00 | Each | | | 0.00 | INR Zero Only |
| 16.06 | Providing and fixing of 3 core , 6 sq mm, PVC Flat cable copper conductor with PVC insulation and Sheathed for working voltage up to 1100 volts. | 300.00 | metre | | | 0.00 | INR Zero Only |
| 16.07 | Providing and fixing of 3 core , 2.5 sq mm, PVC Flat cable copper conductor with PVC insulation and Sheathed for working voltage up to 1100 volts. | 500.00 | metre | | | 0.00 | INR Zero Only |
| 17 | Total impact of GST for the purpose of CTC | 1.00 | Nos | | 0.00 | 0.00 | INR Zero Only |
| Total in Figures | | | | | | 0.00 | INR Zero Only |
| Quoted Rate in Words | | INR Zero Only | | | | | |