

| Sr.No | Description   | Qty   | Unit | Rates<br>(Rs.) | Amount<br>(Rs.) |
|-------|---|-------|------|----------------|-----------------|
|       | <b>All items under this head to be carried out as per specifications, Drawings, relevant BSI/ASTM Standards, complete in all respect to the entire satisfaction of the Employer, and following Sections of the Technical Specifications. Rates shall be applicable on all types, shown in the drawings under this contract.</b> |       |      |                |                 |
|       | <b><u>ROAD WORKS</u></b>  |       |      |                |                 |
| 1     | Dismantling work of Existing Old R.C.C. building including (sub structure & Super structure) of Hostel Block Building "B" Complete in all respect and disposal of debris as per instruction of the Engineer incharge.   | 600   | Sq.m |                |                 |
| 2     | Jungle bushes / tree cutting including disposal from the site as per instruction of Engineer incharge.  | 1,500 | Sq.m |                |                 |
| 3     | Providing, levelling & formation of sub grade including consolidating compaction with power roller as per Engineer incharge.  | 519   | Cu.m |                |                 |
| 4     | Earth Filling (outsoure) as per specification up to the formation level as per Engineer incharge.   | 2,359 | Cu.m |                |                 |
| 5     | Preparation of sub base course by supplying, spreading approved stone metal 25 mm to 12 mm gauge to approved quality in 150 mm thick including hand packing filling voids with sand, compacting 98% AASHO complete in all respect as per Engineer incharge.   | 1,200 | Sq.m |                |                 |
| 6     | Preparation of aggregate base coarse by supplying, spreading stone metal of approved grade to maximum 38 mm gauge in 150 mm thick of approved quality, compacting 100% as per modified AASHO complete in all respect as per Engineer incharge.  | 1,200 | Sq.m |                |                 |
| 7     | Providing & applying prime / tack coat with approved binder as per standard specification and instruction of the engineer complete in all respect as per Engineer incharge.   | 1,200 | Sq.m |                |                 |
| 8     | Providing & laying to proper line & grade 38mm thick pre mixed carpet with paver machine prepared to specified job mixed formula approved by the engineer including rolling proper line & grade level & Camber etc as per standard specification and instruction of the Engineer complete in all respect.                       | 1,200 | Sq.m |                |                 |

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| 9     | Providing & fixing pre-cast fair faced edge block / Kerb stone 3750 psi 6"x12"x12" including cost of cartage, excavation, form work with concrete haunching of 2250 psi lean concrete 1450 psi (4" thick), complete in all respect as per drawings, specification and as directed by the Engineer incharge.   | 515 | Rm.  |             |              |
|       | <b><u>R.O. PLANT &amp; BORING WORKS</u></b>   |     |      |             |              |
| 10    | <p>Water Reverse osmosis filter Plant</p> <p>Providing and installation, testing &amp; commissioning of RO plant with boring to meet the capacity of sweet water of WHO STANDARDS as mentioned below and consisting of following items or coforming to bore hole water test complete in all respect</p> <p>a) Buffer tank of 500 L, PE material, covered top, overflow and drain line</p> <p>b) Filter feed pump of 0.55 Kw for 2 m<sup>3</sup>/h @ 35 mWc, Centrifugal, Cast iron body and stainless impeller, valve adjustment for flowrate.</p> <p>c) Sand filter of 0.30*1.45 m (dia*height), FPR body structural tank, automatic FLECK valve operation</p> <p>d) GAC filter of 0.30*1.45 m (dia*height), FPR body structural tank, automatic FLECK valve operation</p> <p>e) Ultraviolet disinfection of 0.045 Kw for 3m<sup>3</sup>/h max. capacity, 10 bar max. pressure, 45 watt operating power, one lamp, complete AISI 304 stainless steel screwed pipe connection, c/w control panel.</p> <p>f) Flowmeter of 10 to 200 % capacity measuring range, volumetric measurement pipe mounted srewed connection.</p> <p>g) Pipe &amp; fitting of main water line: Epoxy painted carbon steel, Gravity water line: uPVC in shaded area-Epoxy painted carbon steel in direct sun light exposure, Air Line: uPVC under water epoxy painted carbon steel outside water, Chemical line: uPVC and / or ABS, PP,EE , Flanged connections above 3" and screwed connections up to 3", Valve, reducers, bends, control and gate valve necessary auxiliaries and all fittings.</p> <p>h) Single level switches of float type suitable for wastewater</p> <p>i) Electrical items and control panel of seimens and schneider components, phase sequence &amp; protection, fan and alm, interconnecting cabling.</p> | 5   | Job  |             |              |

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|--|--|-----|------|----------------|-----------------|
| j)   | Engineering package of project design process, application projects & calculation and drawings (General, Architwctural, Mechanical, Electrical & Automation). Shipment scheduling, container listing. Operation and maintenance manuals, installation manual certificates. |     |      |                |                 |
| k)   | Spare parts for two years pump sealing, glands for filter feed pump.   |     |      |                |                 |
| l)   | Spare parts for two years UV pump  |     |      |                |                 |
| <b>Total Cost of 05 Nos Carried to Grand Summary</b> |  |     |      |                |                 |