

BILL OF QUANTITIES

The approximate Bill of Quantities is indicated below to give an idea of the work which should be executed in accordance with the approved drawings and specifications to enable the bidder to furnish the lump sum price. Bidders may, however, note that no variations in the lump sum cost is acceptable (except where extra items are ordered by the Engineer).

| Item No | Probable Quantity | Description of work | T.N. B.P. No: | Departmental Rate (in Figures and in words) | Unit of Calculation (in figures and in words) | Amount in Rs. |
|---------|--|---|---------------|---|---|---------------|
| (1) | (2) | (3) | (4) | (5) | (6) | (7) |
| 1 | 194.00 M ³ (One hundred and ninety four cubic metres only) | Earthwork excavation for foundation in all soils and sub soils and to full depth as may be directed except in, Hard rock requiring blasting, but inclusive of shoring, strutting and baling out water wherever necessary and refilling the sides of foundation with excavated earth in layers of not more than 15cm thick, well rammed watered consolidated and depositing the surplus earth within the compound in places as shown by the departmental officers with an initial lead, and lift etc., complete complying with standard specifications. | | Rs. 172.25 (Rupees one hundred and seventy two Paise twenty five only) | 1M ³ (One cubic metre only) | 33416.50 |
| 2 | 51.00 M ³ (Fifty one cubic metres only) | Earthwork open Excavation for foundation in all soils and sub soils and to full depth as may be directed except in, Hard rock requiring blasting, but inclusive of shoring, strutting and baling out water wherever necessary and refilling the sides of foundation with excavated earth in layers of not more than 15cm thick, well rammed watered consolidated and depositing the surplus earth within the compound in places as shown by the departmental officers with an initial lead, and lift etc., complete complying with standard specifications. | | Rs. 80.55 (Rupees eighty and paise fifty five only) | 1M ³ (One cubic metre only) | 4108.05 |

Contractor

sd/-
Executive Engineer, WRD,
Lower Bhavani Basin Division Erode.2

| (1) | (2) | (3) | (4) | (5) | (6) | (7) |
|-----|---|--|-----|--|---|-----------|
| 3 | | Cement concrete 1:5:10 (One cement, five M-sand and ten aggregate) using 40mm gauge hard broken granite stone jelly for foundation including dewatering if found necessary and laid in layers of not more than 15cm thick, well rammed, complete complying with standard specification | | | | |
| a | 34.00 M ³ (Thirty four cubic metres only) | For footing and grade beam | | Rs. 4420.95 (Rupees four thousand four hundred and twenty and paise ninety five only) | 1M ³ (One cubic metre only) | 150312.30 |
| 4 | 43.00 M ³ (Forty three cubic metres only) | Supplying and filling in Gravel and basement with conveyed Gravel conveyed from the specified quarry with a lead of 5 km in layers of not more than 15 cm thick watered rammed and compacted etc., completed complying with standard specifications. | | Rs. 481.00 (Rupees four hundred and eighty one only) | 1M ³ (One cubic metre only) | 20683.00 |
| 5 | 19.00 M ³ (Nineteen cubic metres only) | Supplying and filling in foundation and basement with filling sand in layers of not more than 15cm.thick well rammed watered and compacted -1m ³ etc., complete complying with standard specification. | | Rs. 1540.60 (Rupees one thousand five hundred and forty and paise sixty only) | 1M ³ (One cubic metre only) | 29271.40 |

Contractor

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Lower Bhavani Basin Division Erode.2

| (1) | (2) | (3) | (4) | (5) | (6) | (7) |
|-----|---|--|-----|---|---|-----------|
| 6 | | Brick work in following Cement Mortar 1:6 using best quality Fly ash bricks of size 23x11x7cm for foundation and basement including curing etc.,complete complying with standard specification. | | | | |
| a | 31.00 M ³ (Thirty one cubic metres only) | For Foundation & Basement | | Rs. 6377.60 (Rupees six thousand three hundred and seventy seven and paise sixty only) | 1M ³ (One cubic metre only) | 197705.60 |
| b | 39.00 M ³ (Thirty nine cubic metres only) | For Super Structure in Ground Floor | | Rs. 6445.60 (Rupees six thousand four hundred and forty five and paise sixty only) | 1M ³ (One cubic metre only) | 251378.40 |
| 7 | | Brick work in following Cement Mortar 1:3 using best quality Fly ash bricks of size 23x11x7cm for foundation and basement including curing etc., complete complying with standard specification. | | | | |
| a | 16.00 M ³ (Sixteen cubic metres only) | For Foundation & Basement | | Rs. 6735.25 (Rupees six thousand seven hundred and thirty five and paise twenty five only) | 1M ³ (One cubic metre only) | 107764.00 |

Contractor

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| (1) | (2) | (3) | (4) | (5) | (6) | (7) |
|-----|--|---|-----|--|--|-----------|
| 8 | | Brick partition walls of 11.50cm thickness using best quality Fly Ash Bricks of size 23 x 11 x 7 cm in Cement Mortar 1:3 (One Cement and Three M-Sand) using hoop iron reinforcement if found necessary including curing etc. complete and as directed by the departmental officers. complete complying with standard specification. (Hoop iron reinforcement will be measured and paid for separately) | | | | |
| a | 181.00 M ² (One hundred and eighty one Square metres only) | For Ground floor | | Rs. 868.45 (Rupees eight hundred and sixty eight and paise forty five only) | 1M ² (One Square metre only) | 157189.45 |
| 9 | 128.00 M ² (One hundred and Twenty eight square metres only) | Supplying and erecting Steel Centering including necessary supports for Plane Surfaces in foundation and basement for reinforced cement concrete works such column footings, plinth beam, Grade beam, and Stair Case steps, riser, still slab etc., which requires only nominal strutting using stiffened with mild steel sheets of suitable size 90cm x60cm and BG 10 stiffened with mild steel angles of size mm of 25mm x 25mm x 3 mm for boarding laid over silver oak joists of size 10cm x 7.50 cm spaced at about 60 cm centre to centre and supported by the casurina props of 10 cm to 13 cm dia paced at 75 cm centre to centre or at suitable intervals etc., complete complying with standard specifications. | | Rs. 737.70 (Rupees seven hundred and thirty seven and paise Seventy only) | 1M ² (One Square metre only) | 94425.60 |

Contractor

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| (1) | (2) | (3) | (4) | (5) | (6) | (7) |
|-----|---|---|-----|---|--|-----------|
| 10 | | Supplying and Erecting, Centering for sides and soffits including supports and strutting upto 3.29m height for plane surfaces as detailed below in all floors with all cross bracings using mild steel sheets of size 90cm X 60cm and BG 10 gauge stiffened with welded mild steel angles of size 25mm X 25mm X 3mm for boarding laid over silver oak joists of size 10cm X 7.50cm spaced at about 90cm centre to centre and supported by Casurina props of 10cm to 13cm dia spaced at not less than 75cm centre to centre at suitable intervals etc., complete in all floors for complying with standard specifications. | | | | |
| a | 153.00 M ² (one hundred and fifty three square metres only) | Plane surfaces such as RCC floor slab, roof slab, rectangular, square, Tee or L beam, lintels, bed blocks staircase waist slab, landing slab, landing beams, portico beams, portico slab etc., | | Rs. 830.00 (Rupees eight hundred and thirty only) | 1M ² (One Square metre only) | 126990.00 |
| b | 164.00 M ² (one hundred and sixty four square metres only) | Plane surface such as RCC square or rectangular columns, top and bottom slab of sunshade, boxing sill slabs, etc., | | Rs. 996.00 (Rupees nine hundred and ninety six only) | 1M ² (One Square metre only) | 163344.00 |

Contractor

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Lower Bhavani Basin Division Erode.2

| (1) | (2) | (3) | (4) | (5) | (6) | (7) |
|-----|--|--|-----|--|---|-----------|
| 11 | | Providing and laying in position, standardised concrete Mix M-20 Grade in accordance using 20mm and down graded hard broken granite stone jelly for all RCC items of works with minimum cement content of 325 kg/ms and maximum water cement ratio of 0.55, including admixture (plasticiser / super plasticiser) in recommended proportions as per IS:9103 to accelerate, retard setting of concrete, improve workability without impairing strength and durability with above (5 cu.m.) 7730 kg. of 20mm machine crushed stone jelly and with about (3.3 cu.m.) 5156 kg. of 10-12mm machine crushed stone jelly and with about (4.79 cu'm') 7670 kg. of crushed stone sand, but excluding cost of reinforcement grill and fabricating charges, centering and shuttering and also including laying, vibrating with mechanical vibrators, finishing, curing, etc. and providing fixtures like fan clamps in the RCC floor/ roof slabs wherever necessary without claiming extra, etc., complete complying with standard specification and as directed by the departmental officers. The coarse and fine aggregates to be used should comply with the requirements of IS standards. (No separate payment will be made by the Department for the excess usage of materials). | | | | |
| a | 54.00 M ³ (Fifty four cubic metres only) | For Foundation and Basement. | | Rs. 7250.00 (Rupees seven thousand two hundred and fifty only) | 1M ³ (One cubic metre only) | 391500.00 |
| b | 23.00 M ³ (Twenty three cubic metres only) | For superstructure in ground floor | | Rs. 7353.30 (Rupees seven thousand three hundred and fifty three and paise thirty only) | 1M ³ (One cubic metre only) | 169125.90 |

Contractor

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Executive Engineer, WRD,
Lower Bhavani Basin Division Erode.2

| (1) | (2) | (3) | (4) | (5) | (6) | (7) |
|-----|--|--|-----|--|---|-----------|
| 12 | 70.00 Qtl (Seventy quintal metres only) | Supplying, fabricating and placing in position Mild steel or Ribbed tor steel reinforcement grill for RCC works as per the design given including cost of steel and black binding wire in all floors etc., complete complying with standard specifications. (The contratctor will have to make his own arrangements for the supply of MS plain rod / RTS rod and black binding wire) | | Rs. 7839.80 (Rupees seven thousand eight hundred and thirty nine and paise eighty only) | 1M ³ (One quintal only) | 548786.00 |
| 13 | 1.00 M ³ (One Cubic metre only) | Cement Concrete 1:3:6 (One Cement, Three M-sand and Six broken stone jelly) using 40mm size hard broken stone jelly for dummy columns, excluding cost of centering shuttering reinforcement grills and fabrication charges but including curing etc. complete. (Reinforced Cement Concrete 1:2:4 for slab to be extended upto top of splashing with pressed tiles and future extension rods to be embedded in CC 1:3:6 (One Cement, Three M-Sand and Six hard broken stone jelly). Dummy columns should be at least 1 metre height) complete complying with standard specifications. | | Rs. 5401.90 (Rupees five thousand four hundred and one and paise ninety only) | 1M ³ (One cubic metre only) | 5401.90 |
| 14 | 7.00 M ³ (Seven Cubic metres only) | Weathering course in brick jelly lime concrete using broken brick jelly of size 20mm uniform gauge in pure slaked lime (no sand to be used) to the proportion of brick jelly to lime being 32:12.5 by volume and laid over the RCC roof slab in a single layer of required slope and finished by beating the concrete with wooden beaters of approved pattern, keeping the surface constantly wet by sprinkling lime jaggery water, etc., complete as per standard specification and as directed by the deparmental officers. | | Rs. 3598.30 (Rupees three thousand five hundred and ninety eight and paise thirty only) | 1M ³ (One cubic metre only) | 25188.10 |

Contractor

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| (1) | (2) | (3) | (4) | (5) | (6) | (7) |
|-----|--|--|-----|--|--|----------|
| 15 | 82.00 M ² (Eighty two Square metres only) | Finishing the top of roof with one course of machine pressed tiles of size 230mm x 230mm x 20mm of approved quality set in Cement Mortar 1:3 (One Cement and Three M-Sand) 12mm thick mixed with water proofing compound conforming to ISS at 2% by weight of cement used and the joints pointed neatly to full depth of tiles with the same cement mortar mixed with red oxide and water proofing compound including curing etc., complete complying with standard specification and as directed by the departmental officers | | Rs. 1078.00 (Rupees one thousand and seventy eight only) | 1M ² (One square metre only) | 88396.00 |
| 16 | | Cement concrete 1:5:10 (One cement, five M-sand and ten aggregate) using 40mm gauge hard broken granite stone jelly for flooring base including consolidating as per standard specification, curing and rendering the top surface rough to received floor finish etc., complete complying with standard specifications.. | | | | |
| a | 9.00 M ³ (Nine cubic metres only) | For Flooring | | Rs. 4420.95 (Rupees four thousand four hundred and twenty and paise ninety five only) | 1M ³ (One cubic metre only) | 39788.55 |
| 17 | 67.00 M ² (Sixty seven square metres only) | Paving the floor with best quality Verified Tiles of size 600 x 600 x 8mm of approved colour, shade and quality laid in Cement Mortar 1:3 (one Cement and three M-sand) 20mm thick in all floors and the top pointed with the white Cement mixed same colour pigments etc., complete complying with standard specification. (The make and brand of the tiles should be got approved by Executive Engineer before use on works) | | Rs. 1369.25 (Rupees one thousand three hundred and sixty nine and paise twenty five only) | 1M ² (One square metre only) | 91739.75 |

Contractor

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| (1) | (2) | (3) | (4) | (5) | (6) | (7) |
|-----|--|---|-----|---|--|----------|
| 18 | 9.00 M ² (Nine square metres only) | Paving the floor with first quality and approved Ceramic tiles of all colour & Shade of size 305 x 305 x 6mm in all floors over a base layer of cement mortar 1:3 (One Cement and three M-sand) 20 mm thick laid in situ and pointing with the same colour cement using 0.3 kg of colour cement per one square metre (White cement mixed with colouring pigment) neatly and fixed in position so as to make it perfectly smooth and shining to the alignment etc., complete complying with standard specifications. | | Rs. 786.65 (Rupees seven hundred and eighty six and paise sixty five only) | 1M ² (One square metre only) | 7079.85 |
| 19 | 50.00 M ² (Fifty square metres only) | Dadoing walls with following best approved quality, white / colour glazed tiles of sizes 300x450x8mm and set in Cement Mortar 1:2 (One Cement and Two M-sand) 10mm thick and pointing the joints with white cement mixed with colouring pigments at the rate of 0.40 Kg. / sq.m. neatly in all floors, curing, etc., complete complying with standard specifications. | | Rs. 1248.55 (Rupees one thousand two hundred and forty eight and paise fifty five only) | 1M ² (One square metre only) | 62427.50 |
| 20 | 4.00 M ² (Four square metres only) | Paving the floor with pre-polished concrete anti-skid tiles (Required shape and design) of 20mm thick of approved quality and colour laid in Cement Mortar 1:3 (One Cement and Three M-sand) 20mm thick and pointed with white Cement mixed with colouring pigment at the rate of 0.40 Kg. / sq.m., curing, etc., complete complying with standard specification and as directed by the departmental officers. (The make and brand of the tiles should be got approved by Executive Engineer before use on works) | | Rs. 1348.35 (Rupees one thousand three hundred and forty eight and paise thirty five only) | 1M ² (One square metre only) | 5393.40 |
| 21 | 2.00 M ² (Two square metres only) | Paving the floor with best approved quality fine polished Granite Stone Slabs of size 1200 x 600 of 18 / 20mm thick of Synthetic Grey, Paradise and similar varieties with machine cut edges laid over a cement mortar bed of 20mm thick using cement mortar 1:3 (One cement and three M-sand) fixing the slabs with required cement slurry and laid in true right angles with minimum possible width of joints and pointing the joints with white cement mixed with matching colouring pigments etc., The granite stone slabs and other materials to be used shall be got approved by the Executive Engineer concerned before use on work, etc., complete as per standard specification. | | Rs. 2210.25 (Rupees two thousand two hundred and ten and paise twenty five only) | 1M ² (One square metre only) | 4420.50 |

Contractor

sd/-
Executive Engineer, WRD.,
Lower Bhavani Basin Division, Erode-2.

| (1) | (2) | (3) | (4) | (5) | (6) | (7) |
|-----|---|--|-----|---|---------------------------------|----------|
| 22 | 1.00 No (One Number only) | Supplying and fixing in position best quality Granite sink of following sizes including cost of 32mm dia CP waste coupling, 32mm dia PVC waste pipe with rubber plug and chain, 15mm dia brass nipple including fixing the sink in position and testing for leakages etc., complete complying with standard specifications excluding CI brackets. [The sink and specials should be got approved by the Executive Engineer before use on works] | | Rs. 5484.10 (Rupees five thousand four hundred and eighty four and paise ten only) | 1No (One Number only) | 5484.10 |
| 23 | 898.00 Kg (Eight hundred and ninety eight kilogram only) | Supplying, and fixing M.S. GRILLS for open courtyard grill, grill work to doors, windows and ventilators etc, using necessary flats for inner and outer members which should be fixed or welded to masonry or column including necessary dismantling or making holes and redoing the same to original condition as directed by the departmenta officers inclusive of cost of providing one coat of best quality red oxide primer complete complying with standard specifications. | | Rs. 109.90 (Rupees one hundred and nine and paise ninety only) | 1Kg (One kilogram only) | 98690.20 |
| 24 | 26.00 Rm (Twenty six Running metres only) | supplying and fixing of Hallow pressed steel door frames for single leaf and double leafed door using pressed steel frame of size 100x60mm using mild sheet of 1.00mm thick (18gauge) special profile extruded section.The pressed steel frame should be as per IS4351/1976.The rate in inclusive of bottom the hold fasts and provision to aldrop tower bolt hinges and lock plate etc,with one coat of zinc chromate yellow primer and filling the inside hallow portion with cement concrete 1:2:4 using 20mm HBG stone jelly etc,complete complying with standard specification. | | Rs. 1266.40 (Rupees one thousand two hundred and sixty six and paise forty only) | 1RM (One Running metre only) | 32926.40 |

Contractor

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Executive Engineer, WRD.,
Lower Bhavani Basin Division, Erode-2.

| (1) | (2) | (3) | (4) | (5) | (6) | (7) |
|-----|--|---|-----|--|--|----------|
| 25 | 10.00 M ² (Ten square metres only) | Supplying and fixing Medium density fibre board of exterior grade 35mm thick Single leaf door shutter conforming to I.S. 12406 / 1989 with external teak wood lipping of size 35x12mm on all edges with necessary adhesive and C.P. Screws, including fixing for aldrop, tower bolt, hinges and lock strike plates, putty, fevical ,painting the teak wood lipping etc., and including the cost of aluminium hinges 125x30mm size - 3Nos. aluminium aldrop of size - 250x16 mm - 1No. Aluminium tower bolt of size 250x12mm - 1No. tower bolt of size 200x12mm - 1No, D type aluminium handle of size 200mm-1No., aluminium door stopper with nylon bush - 1No. shall be provided. All aluminium furniture fittings are to be anodised with matt finish under electrically controlled condition in accordance with ISI specification 1868 / 1962 for anodic film thickness of not less than 15 microns. The rate is inclusive of cost of fevical fixing charges, transportation, loading, unloading all other incidental charges and handling charges etc., complete complying with standard specification. | | Rs. 3705.85 (Rupees three thousand seven hundred and five and paise eighty five only) | 1M ² (One square metre only) | 37058.50 |
| 26 | 4.00 M ² (Four square metres only) | Supplying and fixing in position of Solid PVC DOOR SHUTTERS using 19 gauge 19 mm MS Sq tubes for styles and outer frames. 15 mm MS square tubes for top, lock and bottom rails. The steel tubes shall be covered with 5 mm thick solid PVC sheets. Shutter using 5mm thick solid PVC sheets for panelling shall rigidly fixed in position including nessary furniture and fittings. The overall size of styles shall be 50 X 30 mm. The overall size of top rail, lock rail and bottom rail shall be 75 X 30 mm.The overall size of frames shall be 50 X 45 mm, with suitable rabate for housing the shutterstandard specification and as directed by the departmental officers. complete complying with standard specifications. | | Rs. 3167.00 (Rupees three thousand one hundred and sixty seven only) | 1M ² (One square metre only) | 12668.00 |

Contractor

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Lower Bhavani Basin Division, Erode-2.

| (1) | (2) | (3) | (4) | (5) | (6) | (7) |
|-----|---|--|-----|--|--|---------|
| 27 | | Providing granolithic floor finish of the following thickness with plain cement concrete 1:2:4 (One Cement, Two M-sand and Four aggregate) using 10 to 12mm gauge hard broken stone jelly including laying, finishing and the top rubbed smooth with power trawel, thread lining, curing etc. complete complying with standard specification and as directed by the departmental officers. (The rate is inclusive of necessary planking for panelling wherever necessary and as directed by the departmental officers) | | | | |
| a | 23.00 M ² (Twenty three square metres only) | 25mm thick | | Rs. 149.00 (Rupees one hundred and forty nine only) | 1M ² (One square metre only) | 3427.00 |

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| (1) | (2) | (3) | (4) | (5) | (6) | (7) |
|-----|---|---|-----|--|--|----------|
| 28 | 13.00 M ² (Thirteen square metres only) | UPVC Window Supplying and fixing UPVC (Un-Plasticized Polyvinyl Chloride) Windows of casement type (open) from the profile the size of outer frame 60mm x 58mm and shutter profile are reinforcement with GI/1mm 125GSM and 100% corrosion free, the profiles are multi chambered sections with wall thick of 2mm. The EPDM rubber (black colour) covered with over all the edges of frame and shutter the shutter will be provided with Espag multi power point locks and also it operates as handle. The corners and joints should be welded and cleaned. Radiations free pin headed plain or brown colour glass 4mm thick should be provided to the shutter and it should not allow leakage of water even at most ranging storms and should have key lockable action, security protective hinges, strong locking systems and as per size for arresting noise and energy loss. The connecting mechanism between sash and outer frame that enables opening of the window. The window should be fixed to the wall with 100% packing with screws and silicon packing all round the frames. The window should be got approved from the Executive Engineer before use on work complete complying with standard specifications. | | Rs. 7126.00 (Rupees seven thousand one hundred and twenty six only) | 1M ² (One square metre only) | 92638.00 |
| 29 | 1.00 M ² (One square metres only) | UPVC Ventilator Supplying and fixing UPVC (Un-Plasticized Polyvinyl Chloride) Louvered Ventilators of from the profile the size of outer frame 60mm x 58mm and shutter profile size of 60 x 78mm both profiles are reinforced with GI/1mm 125GSM and 100% corrosion free, the profile are multi chambered sections with wall thick of 2mm. The EPDM rubber (black colour) covered with all over the edges of frame and shutter. The corners and joints should be welded and cleaned. Radiations pin headed glass 4mm thick should be provided in the louvers. The window should be fixed to the wall with 100% packing with screws and silicon packing all round the frames. The ventilator should be got approved from the Executive Engineer before use on work complete complying with standard specifications. | | Rs. 7720.00 (Rupees seven thousand seven hundred and twenty only) | 1M ² (One square metre only) | 7720.00 |

Contractor

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| (1) | (2) | (3) | (4) | (5) | (6) | (7) |
|-----|---|---|-----|---|---|---------|
| 30 | 1.00 M ³ (One cubic metres only) | Plain Cement concrete 1:2:4 (One cement, two M-sand and four aggregate) using 20mm gauge hard broken granite stone jelly for foundation and basement including dewatering if found necessary and laid in layers of 15 cm thick and compacted etc., complete complying with standard specifications. | | Rs. 5942.25 (Rupees five thousand nine hundred and forty two and Paise twenty five only) | 1M ³ (One cubic metre only) | 5942.25 |
| 31 | 1.00 No (One Number only) | Supplying and fixing PVC ventilating shaft of 110mm dia (having working pressure 4 kg. / sq.cm) with 3 metre height including cost of PVC cylindrical cowl of best approved quality etc., complete complying with standard specifications and as directed by the departmental Officers | | Rs. 1058.45 (Rupees one thousand and fifty eight and paise forty five only) | 1No (One Number only) | 1058.45 |
| 32 | 1.35 M ³ (One point three five cubic metres only) | Supplying & filling 40mm size HBG stone jelly for dispersion trench as directed by the Departmental officers complete Complying with standard specification | | Rs. 1289.60 (Rupees one thousand two hundred and eighty nine and paise sixty only) | 1M ³ (One cubic metre only) | 1740.96 |
| 33 | 1.35 M ³ (One point three five cubic metres only) | Supplying & filling 20mm size HBG stone jelly for dispersion trench as directed by the Departmental officers complete Complying with standard specification | | Rs. 1692.60 (Rupees one thousand six hundred and ninety two and paise sixty only) | 1M ³ (One cubic metre only) | 2285.01 |

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| (1) | (2) | (3) | (4) | (5) | (6) | (7) |
|-----|---|---|-----|--|--|----------|
| 34 | 6.00 M ² (Six square metres only) | Supplying and fixing fine polished cuddapah slab of thickness 38/40mm for cup-board arrangements including laying to correct alignment with necessary cement mortar and black powder etc, complete complying with standard specification | | Rs. 469.55 (Rupees four hundred and sixty nine and paise fifty five only) | 1M ² (One square metre only) | 2817.30 |
| 35 | | Casting and fixing R.C.C. Precast slab of the following thickness using 20mm size machine crushed hard granite stone jelly in cement concrete 1:2:4 (One cement, two M-sand and four broken jelly) using hand broken granite of appropriate size stone jelly excluding cost of reinforcement but including moulding, curing, finishing fixing in position etc.,complete complying with standard specifications and as directed by the departmental officers in all floors. | | | | |
| a | 2.00 M ² (Two square metres only) | 50mm Thick | | Rs. 433.30 (Rupees four hundred and thirty three and paise thirty only) | 1M ² (One square metre only) | 866.60 |
| 36 | 317.00 M ² (Three hundred and seventeen square metres only) | Special ceiling plastering and finishing the exposed surfaces of RCC work such as RCC slabs, sunshades, facia, canopy slab, staircase. Waist slab landing slab etc., with cement mortar 1:3 (One cement and three P-sand) 10mm thick including hacking and providing necessary cement mortar nosing, beading etc., wherever necessary and as directed with the same cement mortar etc., complete complying with standard specifications as directed by the departmental officers. | | Rs. 252.00 (Rupees two hundred and fifty two only) | 1M ² (One square metre only) | 79884.00 |

Contractor

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| (1) | (2) | (3) | (4) | (5) | (6) | (7) |
|-----|---|---|-----|--|--|-----------|
| 37 | 971.00 M ² (Nine hundred and seventy one square metres only) | Plastering with cement mortar 1:5 (One cement and five P-sand) 12mm thick in all floors complete complying with standard specifications and as directed by the departmental officers. | | Rs. 220.15 (Rupees Two hundred and twenty and paise fifteen only) | 1M ² (One square metre only) | 213765.65 |
| 38 | 139.23 M ² (One hundred and thirty nine point two three square metres only) | Plastering with cement mortar 1:3 (One cement and three P-sand) 12mm thick for drain complete complying with standard specifications and as directed by the departmental officers. | | Rs. 236.15 (Rupees two hundred and thirty six and paise fifteen only) | 1M ² (One square metre only) | 32879.16 |
| 39 | 571.00 M ² (Five hundred and seventy one square metres only) | WHITE WASHING TWO COATS using best freshly burnt white shell lime in all floors including cost of lime and other materials, brushes, scaffolding charges etc. complete complying with standard specification and as directed. The rate is inclusive of cost of gum, best quality of blue powder etc. | | Rs. 29.20 (Rupees twenty nine and paise twenty only) | 1M ² (One square metre only) | 16673.20 |
| 40 | 389.00 M ² (Three hundred and eighty nine square metres only) | Painting two coats of newly plastered wall surface with ready mixed plastic emulsion paint of first class quality and of approved colour over a priming coat including thorough scrapping, clean removal of dirt, and including necessary plaster of paris putty, wherever required etc., complete complying with standard specification. | | Rs. 211.50 (Rupees two hundred and eleven and paise fifty only) | 1M ² (One square metre only) | 82273.50 |
| 41 | 583.00 M ² (Five hundred and eighty three square metres only) | Painting the wall two coats with approved weather proof Exterior Emulsion paint over one primer coat of over Cement plastered wall surface ect., complete complying with standard specification. | | Rs. 209.50 (Rupees two hundred and nine and paise fifty only) | 1M ² (One square metre only) | 122138.50 |

Contractor

sd/-
Executive Engineer, WRD.,
Lower Bhavani Basin Division, Erode-2

| (1) | (2) | (3) | (4) | (5) | (6) | (7) |
|-----|---|--|-----|--|--|---------|
| 42 | 51.89 M ² (Fifty one point eight nine square metres only) | Painting new iron works such as steel doors, windows, ventilators, window bar balustrades etc., with best approved first quality synthetic enamel paint of approved colour over the existing red oxide priming coat in all floors. The rate is inclusive of all materials, brushes and scaffolding charges etc., complete complying with standard specification | | Rs. 126.35 (Rupees one hundred and twenty six and paise thirty five only) | 1M ² (One square metre only) | 6556.30 |
| 43 | 21.00 M ² (Twenty one square metres only) | Painting new wood work with two finishing coats of synthetic enamel ready mixed paint of approved quality and colour over one coat priming coat in all floors including the cost of primer etc., complete complying with standard specification. (The make, quality and colour of paint should be got approved by the Executive Engineer before use on works.) | | Rs. 212.90 (Rupees Two hundred and Twelve and paise ninety only) | 1M ² (One square metre only) | 4470.90 |
| 44 | 18.00 Rm (Eighteen Running metres only) | Supplying and fixing in position best approved of BIS quality 110 mm dia PVC rain water down fall pipes having a pressure of 4 kg. / sq.cm including cost of necessary PVC shoe, PVC bend, cast iron gratings of required diameter and special clamps, brass screws, nails, etc., and fixing of cast iron gratings at junction of parapet and the RCC roof slab including finishing neatly etc., complete. The rate shall be inclusive of cast of removable cast iron grating. The PVC pipe shall be fixed in wall with special type of "U" clamp at the centre of the pipe line in addition to those for more than 3.0 metre pipe length, etc., complete complying with standard specification. | | Rs. 531.90 (Rupees five hundred and thirty one and paise ninety only) | 1Rm (One Running metres only) | 9574.20 |

Contractor

sd/-
Executive Engineer, WRD.,
Lower Bhavani Basin Division, Erode-2

| (1) | (2) | (3) | (4) | (5) | (6) | (7) |
|-----|--|--|-----|--|----------------------------|----------|
| 45 | 2.00 Nos (Two Numbers only) | Supplying and fixing in position best Indian make white wash hand basin (with pedestal) of size 550 mm X 400 mm and approved brand and quality with a pair of C.I. Brackets fixed to wall with necessary teakwood plugs and valve 15 mm dia. brass nipple and 15 mm dia. nylon connection including cost of white lead, TW Plugs, shellac, thread ball and brass screws, rubber washer, painting the iron Materials two coats over one coat of primer etc., complete complying with standard specifications. | | Rs. 3828.35 (Rupees three thousand eight hundred and twenty eight and paise thirty five only) | 1No (One Number only) | 7656.70 |
| 46 | 1.00 No (One Number only) | Supplying and fixing in position white / colour glazed European Water Closet of best quality and approved make with 100 mm "P" or "S" trap connecting with CI pipe of 100mm dia / PVC pipe of 110mm dia, double flapped rigid PVC black seat and seat cover with CP brass hinges including cost of white Cement, Cement for packing, spun yarn, teak wood plugs, brass screws, etc., including supplying and fixing 10 litres capacity PVC / 12.5 litres capacity porcelin low level flushing tank with a pair of CI brackets, etc., complete with all fittings such as 15mm brass ball valve with polythene float with brass handle, union, coupling connected by means of 40mm white PVC flush hand using Indian adopter joint including all internal fittings etc., complete complying with standard specifications and as directed by the departmental officers. | | Rs. 5675.80 (Rupees five thousand six hundred and seventy five paise eighty only) | 1No (One Number only) | 5675.80 |
| 47 | 2000.00 litres (Two thousand litres only) | Supplying & fixing in position of best quality and the approved variety of PVC WATER TANKS of 1000 litres capacity conforming to I.S.I specifications with necessary inlets and the outlets and overflow, cleaning pipe arrangements and labour charge for fixing in position etc., and properly fixed in the floor top as directed by the departmental officers. complete complying with standard specifications. | | Rs. 9.60 (Rupees nine and paise sixty only) | 1Litre (One litre only) | 19200.00 |

Contractor

sd/-
Executive Engineer, WRD.,
Lower Bhavani Basin Division, Erode-2

| (1) | (2) | (3) | (4) | (5) | (6) | (7) |
|-----|---|--|-----|---|----------------------------------|----------|
| 48 | | Supplying and fixing in position "PVC Soil pipes" of pressure - 6kg / cm ² of the following best approved quality and make conforming to ISS of the following diameter and providing leak proof joints with cement, spun yarn etc., including fixing the wall with necessary teak wood plugs, brass screws, mild steel clamps etc., and giving connections to all sanitary fittings including dismantling brick masonry, RCC floor or roof slab etc., wherever necessary and redoing the disturbed portion to the original condition including painting the cast iron pipes and fitting with two coats of anti-corrosive paint etc., complete complying with standard specifications. | | | | |
| a | 23.00 Rm (Twenty three Running metres only) | 110mm dia PVC pipe | | Rs. 447.60 (Rupees four hundred and forty seven and paise sixty only) | 1Rm (One Running metres only) | 10294.80 |
| b | 60.00 Rm (Sixty Running metres only) | 75mm dia PVC pipe | | Rs. 343.40 (Rupees three hundred and forty three and paise forty only) | 1Rm (One Running metres only) | 20604.00 |

Contractor

sd/-

Executive Engineer, WRD.,
Lower Bhavani Basin Division, Erode-2

| (1) | (2) | (3) | (4) | (5) | (6) | (7) |
|-----|----------------------------------|--|-----|---|--------------------------|---------|
| 49 | | Supplying and fixing in position PVC specials of the following dia and types of approved quality confirming to BIS and providing leak proof joints including fixing to the walls and giving connection to the PVC soil stacks, dismantling the masonry or RCC works and re-doing the dismantled portion to original condition etc., complete complying with standard specifications. | | | | |
| a | 8.00 Nos (Eight Numbers only) | 110 mm dia PVC Door with elbow | | Rs. 419.40 (Rupees four hundred and nineteen and paise forty only) | 1No (One Number only) | 3355.20 |
| b | 6.00 Nos (Six Numbers only) | 110 mm dia PVC Plain Bend | | Rs. 392.90 (Rupees Three hundred and ninety two and paise ninety only) | 1No (One Number only) | 2357.40 |
| c | 9.00 Nos (Nine Numbers only) | 110 mm dia PVC Tee | | Rs. 446.00 (Rupees four hundred and forty six only) | 1No (One Number only) | 4014.00 |
| d | 6.00 Nos (six Numbers only) | 75 mm dia PVC Door with elbow | | Rs. 360.00 (Rupees three hundred and sixty only) | 1No (One Number only) | 2160.00 |
| e | 5.00 Nos (Five Numbers only) | 75 mm dia PVC Plain Bend | | Rs. 360.00 (Rupees three hundred and sixty only) | 1No (One Number only) | 1800.00 |
| f | 7.00 Nos (Seven Numbers only) | 75 mm dia PVC Tee | | Rs. 386.40 (Rupees three hundred and eighty six and paise forty only) | 1No (One Number only) | 2704.80 |

Contractor

sd/-
Executive Engineer, WRD.,
Lower Bhavani Basin Division, Erode-2

| (1) | (2) | (3) | (4) | (5) | (6) | (7) |
|-----|---|--|-----|---|---------------------------------|----------|
| 50 | | <p>Supplying, laying and jointing G.I. Pipes of approved quality and best variety of "B" class pipe of the following dia including labour fixing G.I. Specials, (excluding charges for cutting and threading of pipes, cost of such specials) to wall with necessary teak wood plugs, clamps, screws, thread balls, shellac, etc., making holes on the walls (or) drilling holes in roof and making good the dismantled portions to original condition with necessary brick work / concrete and plastering wherever necessary with necessary scaffolding charges. The pipes are to be painted with the 2 coats of good variety and approved best quality of synthetic enamel paint over a priming coat of red oxide etc., complete in all floors complying with standard specification. G.I. pipes shall be got approved by the Executive Engineer before use on works.</p> <p>External water supply - Below Ground Level.</p> | | | | |
| a | 50.00 Rm (Fifty Running metres only) | 32 mm dia pipe | | Rs. 543.90 (Rupees five hundred and forty three and paise ninety only) | 1No (One Running metre only) | 27195.00 |

Contractor

sd/-
Executive Engineer, WRD.,
Lower Bhavani Basin Division, Erode-2

| (1) | (2) | (3) | (4) | (5) | (6) | (7) |
|-----|---|--|-----|--|---------------------------------|----------|
| 51 | | Supplying, laying and jointing G.I. Pipes of approved quality and best variety of "B" class pipe of the following dia including labour fixing G.I. Specials, (excluding charges for cutting and threading of pipes, cost of such specials) to wall with necessary teak wood plugs, clamps, screws, thread balls, shellac, etc., making holes on the walls (or) drilling holes in roof and making good the dismantled portions to original condition with necessary brick work / concrete and plastering wherever necessary with necessary scaffolding charges. The pipes are to be painted with the 2 coats of good variety and approved best quality of synthetic enamel paint over a priming coat of red oxide etc., complete in all floors complying with standard specification. G.I. pipes shall be got approved by the Executive Engineer before use on works. External water supply Above ground level. | | | | |
| a | 50.00 Rm (Fifty Running metres only) | 25 mm dia pipe | | Rs. 310.30 (Rupees three hundred and ten and paise thirty only) | 1No (One Running metre only) | 15515.00 |

Contractor

sd/-
Executive Engineer, WRD.,
Lower Bhavani Basin Division, Erode-2

| (1) | (2) | (3) | (4) | (5) | (6) | (7) |
|-----|----------------------------------|--|-----|---|--------------------------|---------|
| 52 | | Supplying and fixing in position the following GI Specials of heavy type and approved quality and good variety excluding fixing charges but including necessary cutting and threading of GI pipes, jointing the GI specials and painting with two coats with good variety and best quality synthetic enamel paint over a coat of red oxide primer and jointing the specials with pipe line using shellac etc., complete complying with standard specification. (The GI specials should be got approved by the Executive Engineer concerned before use on works.) | | | | |
| a | 7.00 Nos (Seven Numbers only) | 32 mm dia Elbow | | Rs. 168.00 (Rupees one hundred and sixty eight only) | 1No (One Number only) | 1176.00 |
| b | 8.00 Nos (Eight Numbers only) | 32mm dia Tee | | Rs. 225.00 (Rupees Two hundred and Twenty five only) | 1No (One Number only) | 1800.00 |
| c | 6.00 Nos (Six Numbers only) | 25mm dia Elbow | | Rs. 120.00 (Rupees one hundred and twenty only) | 1No (One Number only) | 720.00 |
| d | 5.00 Nos (Five Numbers only) | 25mm dia Tee | | Rs. 177.00 (Rupees One hundred and Seventy seven only) | 1No (One Number only) | 885.00 |

Contractor

sd/-
Executive Engineer, WRD.,
Lower Bhavani Basin Division, Erode-2

| (1) | (2) | (3) | (4) | (5) | (6) | (7) |
|-----|----------------------------------|---|-----|---|--------------------------|---------|
| 53 | | Supplying and fixing in position best quality and approved variety with ISI mark Gun Metal Gate Valve / Wheel Valve of the following dia including necessary charges for cutting and threading of GI Pipes for jointing the gate valve in position etc., complete complying with standard specifications. | | | | |
| a | 1.00 No (One Number only) | 32 mm dia Gun Metal Gate Valve | | Rs. 1190.75 (Rupees one thousand one hundred and ninety and paise seventy five only) | 1No (One Number only) | 1190.75 |
| b | 1.00 No (One Number only) | 25 mm dia Gun Metal Gate Valve | | Rs. 917.15 (Rupees nine hundred and Seventeen and paise fifteen only) | 1No (One Number only) | 917.15 |
| 54 | 5.00 Nos (Five Numbers only) | Supplying and fixing in position 15mm dia brass CP screw down tap / Pillar tap (heavy duty) of approved make conforming to BIS specifications and quality including cost of shellac, thread, etc., complete complying with standard specifications. | | Rs. 400.60 (Rupees four hundred and paise sixty only) | 1No (One Number only) | 2003.00 |
| 55 | 3.00 Nos (Three Numbers only) | Supplying and fixing in position Indian make bevelled edge mirror of approved quality and brand PVC / Fibre Glass framed 600 x 450 x 5.5mm thick mirror, shelf type with hard board backing of approved colour fixed with brass screws, rawl plug, etc., complete complying with standard specification. (The mirror should be got approved by the Executive Engineer before use on woks) | | Rs. 957.50 (Rupees nine hundred and fifty seven and paise fifty only) | 1No (One Number only) | 2872.50 |

Contractor

sd/-
Executive Engineer, WRD.,
Lower Bhavani Basin Division, Erode-2

| (1) | (2) | (3) | (4) | (5) | (6) | (7) |
|-----|--|--|-----|---|--------------------------------|---------|
| 56 | 2.00 Nos (Two Numbers only) | Supplying and fixing approved best quality brass CP towel rail 600mm long and 20mm dia with brackets of same materials including cost of teak wood plugs and CP screws, etc., complete complying with standard specifications. (The towel rail should be got approved by Executive Engineer before use on works). | | Rs. 483.50 (Rupees four hundred and eighty three and paise fifty only) | 1No (One Number only) | 967.00 |
| 57 | 3.00 Nos (Three Numbers only) | Supplying and fixing best approved best quality brass CP soap tray of size 150 x 100mm including cost of teak wood plugs, brass screws, etc., complete complying with standard specifications. (The soap tray should be got approved by Executive Engineer before use on works). | | Rs. 296.90 (Rupees Two hundred and ninety six and paise ninety only) | 1No (One Number only) | 890.70 |
| 58 | 79.00 M ² (Seventy nine square metre only) | Providing Pre construction of Anti termite Treatment for the Construction of building including all chemicals as per standard specifications. Labour charges for preparing the areas for treatment, spraying chemicals and other incident charges etc., complete complying with standard specifications. The rate shall be inclusive of giving anti termite treatment to the building for the following four stages including breaking the termite moulds, making holes with crow bars at an interval of 30 cms to a depth of 50 cms in the pheriphery of building and pouring chemicals etc., complete as per ISI 6313 (Part 2) 2001. The antitermite chemical chloropyriphos 20 EC used should form 0.5% concentrate for the entire operation etc., as directed by the Engineer in charge and including cost of chemicals labour transportation etc., | | Rs. 120.00 (Rupees one hundred and twenty only) | 1No (One square metre only) | 9480.00 |
| | | Stage 1: Spraying Anti termite treatment chemical solution for the foundation before laying the foundation concrete at bottom and sides of the foundation. | | | | |

Contractor

sd/-
Executive Engineer, WRD.,
Lower Bhavani Basin Division, Erode-2

| (1) | (2) | (3) | (4) | (5) | (6) | (7) |
|-----|--|--|---|-----|---------------|--------------------------------|
| | | Stage 2: Spraying Anti termite treatment chemical solution to the grade beam level, spraying has to be done for the grade beam, brick masonry in the super structure in contact with back fill earth. | | | | |
| | | Stage 3: Spraying Anti termite treatment chemical solution on sand for the flooring before laying the flooring concrete; the treatment has to be carried out on the sand filling in basement and after leveling operation is over. | | | | |
| | | Stage 4: Spraying Anti termite treatment chemical solution around the building on outside by making crow bar holes at an interval of 15 cms to a depth of 30 cms before laying the plinth projection. These holes have to be closed after the treatment. | | | | |
| | For 58 (Fifty eight) Items only | | | | Work Value Rs | 3794808.73 |
| | Add for Goods and Service Tax SGST @ 6% | | | | | 227688.52 |
| | | | Add for Goods and Service Tax CGST @ 6% | | | 227688.52 |
| | (Rupees Forty two Lakhs fifty thousand one hundred and eighty six only) Total Rs. | | | | | 4250185.77 or 4250186.00 |

Contractor

sd/-
Executive Engineer, WRD.,
Lower Bhavani Basin Division, Erode-2

Lower Bhavani Basin Division, Erode

NAME OF WORK: Construction of Section Officer Quarters for Assistant Engineer , Irrigation section , Unjalur in Vengambur Village in Kodumudi Taluk of Erode District.

I / We

agree to execute the above work

with tender percentage of premium plus (+) (in words)

premium minus (-) (in words)

over the departmental

estimate value of work indicated above. In case of variation in quantity of various items of work during execution.

I / We agree that the amount payable for the individual item of work will be as per the departmental unit rates indicated in the tender schedule for the items as varied in accordance with the tender premium and actual quantities of the work done. The percentage mentioned above shall be not apply the cost of materials supplied by the department but only to the balance representing th value of the net work done.

1. Estimate amount put to tender: (Including GST)

Rs. 42,50,186

2. Excess / Less Amount

Rs.

3. Agreement value

Rs.

Contractor

(Sd)/---
Executive Engineer, WRD.,
Lower Bhavani Basin Division, Erode-2