

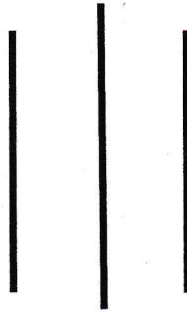


Mahabu Rural Municipality

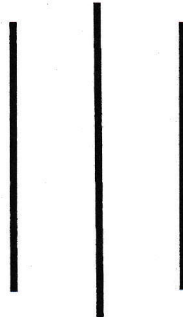
Office Of The Rural Municipal Executive

Gaidabaj, Dailekh

Karnali Province, Nepal



MAHABU RATE 2081-082



FY:2081-082

Submitted By: **Infrastructure
Development &
Environment
Management Branch**

Mahabu Rural Municipality
Office Of The Rural Municipal Executive
Gaidabaj , Dailekh
Karnali Province, Nepal



SUMMARY OF RATE ANALYSIS for Building Works FY: 2081-082

| S.N. | Items | Unit | Contr. | Dept. | S.N. | Items | Unit | Contr. | Dept. |
|------------------------------|---|----------------|-----------|-----------|-----------------------------|----------------------------------|----------------|----------|----------|
| 1. SITE CLEARANCE | | | | | 7. ROOFING WORK | | | | |
| B-1.01 | Surface Dressing | Sqm | 9.78 | 8.50 | B-7.01 | CGI sheet roof - 26 # | m ² | 1240.22 | 1078.45 |
| B-1.02 | Removing grass & levelling | Sqm | 22.48 | 19.55 | B-7.02 | CGI sheet ridge - 26# | Rm | 914.29 | 795.03 |
| 2. EARTHWORK | | | | | B-7.03 | Colour CGI sheet roof - 26 # | m ² | 1518.40 | 1320.35 |
| B-2.01 | E/W exc.a)in gen. - soft | m ³ | 704.78 | 612.85 | B-7.04 | Colour CGI sheet ridge - 26# | Rm | 1036.13 | 900.98 |
| B-2.02 | - BMS | " | 805.46 | 700.40 | B-7.05 | 4mm ply.in 1.5" sal fr-ceiling | m ² | 4379.60 | 3808.35 |
| B-2.03 | b) in foun. - soft | " | 1006.83 | 875.50 | 8. STEEL WORK | | | | |
| B-2.04 | - BMS | " | 1600.86 | 1392.05 | B-8.01 | Barbed wire fencing 14# | Rm | 95.26 | 82.83 |
| B-2.05 | E/W in soft rock | Cum | 3020.48 | 2626.50 | B-8.02 | Barbed wire fencing 12# | Rm | 95.26 | 82.83 |
| B-2.06 | E/W in medium hard rock | Cum | 5034.13 | 4377.50 | B-8.03 | M.S. grill + paint | kg | 242.60 | 210.96 |
| B-2.07 | Earth fill - soil compact | " | 488.75 | 425.00 | B-8.04 | Iron angle with red oxide pa. | kg | 156.39 | 135.99 |
| B-2.08 | - stone | " | 4916.25 | 4275.00 | B-8.05 | Black Pipe Truss fabrication | kg | 545.88 | 474.68 |
| B-2.09 | - sand | " | 4479.25 | 3895.00 | B-8.06 | Black Pipe Purlin fabrication | kg | 283.22 | 246.28 |
| 3. BRICK WORK | | | | | B-8.07 | MS Plate in truss work | kg | 285.21 | 248.01 |
| B-3.01 | Brick soling in sand - flat | m ² | 1688.59 | 1468.34 | B-8.08 | Iron rolling shutter | Sqm | 4544.35 | 3951.61 |
| B-3.02 | - Edge | " | 2980.18 | 2591.46 | B-8.09 | Iron gate works | Sqm | 4921.88 | 4279.90 |
| a) For ground floor | | | | | B-8.10 | Round metal staircase | Rm. | 6265.67 | 5448.41 |
| B-3.03 | Brick mas.in c.m. - 1:3 | m ³ | 25935.96 | 22553.01 | 9. PLASTERING WORK | | | | |
| B-3.04 | - 1.4 | " | 25138.46 | 21859.53 | B-9.01 | 12.5mm c.plaster - 1:3 ceiling | m ² | 611.37 | 531.63 |
| B-3.05 | - 1.6 | " | 24375.46 | 21196.05 | B-9.02 | - 1:4 wall | " | 514.68 | 447.55 |
| B-3.06 | - mud | " | 20365.04 | 17708.73 | B-9.03 | - 1:6 wall | " | 475.21 | 413.23 |
| b) Above ground floor | | | | | B-9.04 | 20mm cement plaster - 1:3 | " | 704.39 | 612.51 |
| B-3.07 | Brick mas.in c.m. - 1:3 | m ³ | 26439.37 | 22990.76 | B-9.05 | 20mm cement plaster - 1:4 | " | 671.42 | 583.84 |
| B-3.08 | - 1.4 | " | 25641.87 | 22297.28 | B-9.06 | Flush cem.pointing1:3- brick | " | 310.19 | 269.73 |
| B-3.09 | - 1.6 | " | 24878.87 | 21633.80 | B-9.07 | Ruled cem.pointing1:3- brick | " | 368.84 | 320.73 |
| B-3.10 | - mud | " | 20868.45 | 18146.48 | B-9.08 | Flush cem point 1:3-stone | " | 375.70 | 326.70 |
| B-3.11 | Brick Cornice works | Rm | 347.00 | 301.74 | B-9.09 | 3 mm cement punning | " | 377.54 | 328.30 |
| 4. STONE WORK | | | | | B-9.10 | Porcelain glazed tile (wall) | " | 3900.08 | 3391.37 |
| B-4.01 | Stone soling in flooring work | m ³ | 7625.00 | 6630.43 | B-9.11 | Porcelain glazed tile (floor) | " | 4007.75 | 3485.00 |
| B-4.02 | Stone soling in foundation work | " | 4628.75 | 4025.00 | 10. PAINTING WORK | | | | |
| B-4.03 | Stone mas.in c.m. - 1:4 | " | 15995.86 | 13909.44 | B-10.01 | 2 Coat white wash - in ceiling | m ² | 48.14 | 41.86 |
| B-4.04 | - 1:6 | " | 14595.00 | 12691.30 | B-10.02 | - in wall | " | 40.49 | 35.21 |
| B-4.05 | - mud | " | 6800.30 | 5913.30 | B-10.03 | 1 coat snocem (cement paint) | " | 110.52 | 96.10 |
| B-4.06 | - dry | " | 6440.00 | 5600.00 | B-10.04 | 2 coat snocem (cement paint) | " | 199.53 | 173.50 |
| 5. WOODEN WORK | | | | | B-10.05 | 1 coat paint - enamel | " | 267.49 | 232.60 |
| B-5.01 | Sal wood - chaukhat | m ³ | 329061.44 | 286140.38 | B-10.06 | 2 coat paint - enamel | " | 403.57 | 350.93 |
| B-5.02 | Local hard wood - chaukhat | m ³ | 127167.44 | 110580.38 | B-10.07 | - aluminium | " | 375.67 | 326.67 |
| B-5.03 | Sal wood - beam | " | 289562.53 | 251793.50 | B-10.08 | - red oxide | " | | 0.00 |
| B-5.04 | Local hard wood - beam | " | 96845.53 | 84213.50 | B-10.09 | 2 coats or more varnish paint | Sqm | 287.61 | 250.10 |
| B-5.05 | Sal wood 1.5" sal fr. - shutters | m ² | 17208.42 | 14963.84 | B-10.10 | 2 or coats more bitumen paint | Sqm | 191.71 | 166.70 |
| B-5.06 | Local hard wood 1.5" sal fr. - shutters | m ² | 9915.44 | 8622.12 | B-10.11 | 2 Coat Emulsion Paint (Interior) | Sqm | 762.66 | 663.18 |
| B-5.07 | - 4mm glazed | " | 12223.92 | 10629.50 | B-10.12 | 2 Coat Emulsion Paint (Exterior) | Sqm | 785.18 | 682.77 |
| B-5.08 | - 4mm plywood | " | 9222.82 | 8019.84 | 11 SANITARY WORK | | | | |
| B-5.09 | - GI plain sheet | " | 9282.85 | 8072.04 | B-11.01 | GI Pipe laying - 0.5" | Rm | 310.16 | 269.70 |
| B-5.10 | Mosquito net +listi | " | 1208.42 | 1050.80 | B-11.02 | - 3/4" | " | 372.26 | 323.70 |
| B-5.11 | Mosquito net +expend.+listi | " | 1869.10 | 1625.30 | B-11.03 | - 1" | " | 544.88 | 473.81 |
| B-5.12 | Mosquit.net+expen.+1.5"s.fr | " | 7697.73 | 6693.68 | B-11.04 | HDP Pipe laying - 1/2" | " | 65.62 | 57.06 |
| B-5.13 | 4mm glazed fixing+listi | " | 1733.43 | 1507.33 | B-11.05 | - 4" | " | 1328.86 | 1155.53 |
| B-5.14 | Ceiling - 4mm plywood | Sqm | 2202.45 | 1915.17 | 12. DEMOLISHING WORK | | | | |
| B-5.15 | Salwood Eaves board | Sqm | 2086.80 | 1814.61 | B-12.01 | Demolishing - cem.plaster | m ² | 105.57 | 91.80 |
| B-5.16 | 4mm ply. shutter replace | Sqm | 343.49 | 298.69 | B-12.02 | - wall in mud | m ³ | 1036.15 | 901.00 |
| B-5.17 | Wooden railings works | Sqm | 1404.00 | 1220.87 | B-12.03 | - wall in c.m. | " | 2072.30 | 1802.00 |
| B-5.18 | 25mm Salwood planking | Sqm | 2086.80 | 1814.61 | B-12.04 | - PCC | " | 3910.00 | 3400.00 |
| B-5.19 | Carved wood work | Rm | 1714.52 | 1490.89 | B-12.05 | - RCC | " | 10752.50 | 9350.00 |
| 6. CONCRETE WORK | | | | | B-12.06 | Demolishing - slate roof | m ² | 150.59 | 136.95 |
| B-6.01 | PCC - 1:3:6 crushed gr. | m ³ | 15541.70 | 13514.52 | 13. MISCELLANEOUS | | | | |
| B-6.02 | - 1:2:4 crushed gr. | " | 18149.44 | 15782.12 | B-13.01 | Cut tree of perim. 61-90cm | no. | 3421.25 | 2975.00 |
| B-6.03 | For RCC - PCC 1:2:4 cru.gr. | " | 20817.44 | 18102.12 | B-13.02 | Cut tree of perim.120-180cm | " | 15640.00 | 13600.00 |
| B-6.04 | - PCC1:1½:3 cru. gr. | " | 23098.21 | 20085.40 | B-13.03 | 25mm Sal Eaves board work | m ² | 7134.72 | 6204.11 |
| B-6.05 | - Reinforcement bar | kg | 177.25 | 154.13 | B-13.04 | Arch form work | " | 836.63 | 727.50 |
| B-6.06 | - form work slab | m ² | 758.29 | 659.38 | B-13.05 | Vertical form work | " | 2092.35 | 1819.43 |
| B-6.07 | - form work colum | " | 580.00 | 504.35 | B-13.06 | In 1.5"sal fr. - 4mm ply.sh.repl | m ² | 439.43 | 382.11 |
| B-6.08 | - form work beam | " | 1023.71 | 890.18 | B-13.07 | Reinf. For Window Chaukhat | kg | 194.01 | 168.70 |
| B-6.09 | 1.6" DPC 1:2:4 - crushed gr. | " | 857.50 | 745.65 | 14. FLOORING WORKS | | | | |
| B-6.10 | 75mm PCC 1:2:4 with finish | " | 1500.25 | 1304.57 | B-14.01 | Lime Concrete (1:1:3) | Sqm | 1918.57 | 1668.32 |
| | | | | | B-14.02 | 38mm PCC(1:2:4)-good finish | Sqm | 891.09 | 774.86 |
| | | | | | B-14.03 | 25 mm thk Mozaic flooring | Sqm | 4727.71 | 4114.05 |
| | | | | | B-14.04 | P. glazed floor tile | Sqm | 4007.19 | 3484.51 |

| | | | | |
|---------|-----------------------------|-----|---------|---------|
| B-14.05 | P. glazed wall tile in 1:4 | Sqm | 3776.48 | 3283.90 |
| B-14.06 | Marble flooring work | Sqm | 5259.39 | 4573.38 |
| B-14.07 | StonePaving-lime surkhi 1:2 | Sqm | 1192.01 | 1036.53 |

कुमार पारधर
 ए. ए. ए. सर्व-इन्जिनियर

योगेन्द्र रावत
 सर्व-इन्जिनियर

नविन
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उदयरान
 सर्व-इन्जिनियर

Mahabu Rural Municipality
Office Of The Rural Municipal Executive
Gaidabaj , Dailekh
Karnali Province , Nepal



SUMMARY OF RATE ANALYSIS for Road Works F.Y.: 2081-082

| S.N. | Items | Unit | Contractor's Rate | User's Rate | Remarks |
|------|---|----------------|-------------------|-------------|---------|
| R-1 | Site clearance | | | | |
| R-2 | E/W exca. in Roadway & Drain : Ordinary Soil | m ² | 39.10 | 34.00 | |
| R-3 | E/W exca. in Roadway & Drain : Hard Soil | m ³ | 503.41 | 437.75 | |
| R-4 | E/W exca. in Roadway & Drain : Ordinary Rock | m ³ | 604.10 | 525.30 | |
| R-5 | E/W exca. in Roadway & Drain : Medium Rock | m ³ | 2013.65 | 1751.00 | |
| R-6 | E/W exca. in Roadway & Drain :Hard Rock / chieselling | m ³ | 4027.30 | 3502.00 | |
| R-7 | Slide clearance in Ordinary soil | m ³ | 17116.03 | 14883.50 | |
| R-8 | Slide clearance in BMS | m ² | 302.05 | 262.65 | |
| R-9 | Slide clearance in Soft Rock | m ³ | 533.62 | 464.02 | |
| R-10 | Back filling | m ³ | 886.01 | 770.44 | |
| R-11 | Dry rubble masonry work | m ³ | 251.71 | 218.88 | |
| R-12 | Rubble masonry 1:4 c/s mortar | m ³ | 5784.50 | 5030.00 | |
| R-13 | Rubble masonry 1:6 c/s mortar | m ³ | 12390.54 | 10774.38 | |
| R-14 | P.C.C. - 1:3:6 for Foundation rounded aggregate | m ³ | 11682.21 | 10158.44 | |
| R-15 | P.C.C. - 1:2:4 for Foundation rounded aggregate | m ³ | 13978.27 | 12155.02 | |
| R-16 | PCC for RCC (1:2:4) rounded aggregate | m ³ | 16623.96 | 14455.62 | |
| R-17 | PCC for RCC (1:2:4) crushed aggregate | m ³ | 17601.46 | 15305.62 | |
| R-18 | Gabion Box 1.5x1x1m (17.4kg per box) | m ³ | 18348.96 | 15955.62 | |
| R-18 | Gabion Box 2x1x1m (22.72 kg per box) | box | 3295.48 | 2865.64 | |
| R-19 | Gabion Box 3x1x1m (32.04kg per box) | box | 4474.62 | 3890.97 | |
| R-20 | Gabion Box 3x1x0.5m | box | 6440.08 | 5600.07 | |
| R-21 | Gabion Box 3x1.5x0.75m | box | 0.00 | 0.00 | |
| R-22 | Rubble packing in Gabion box | box | 0.00 | 0.00 | |
| R-23 | Structural timber works for bridge beams/ pillars | m ³ | 4292.38 | 3732.50 | |
| R-24 | Structural timberworks for bridge decks thickness 5cm | m ³ | 287202.77 | 249741.54 | |
| R-25 | Rolling Charge | m ² | 16666.16 | 14492.31 | |
| R-26 | Base course 10cm solid thick (clay) | hrs. | 4144.05 | 3603.52 | |
| R-27 | Base course 10cm solid thick (Stone dust) | m ² | 623.45 | 542.13 | |
| R-28 | Sub-base course 10cm solid thick. | m ² | 663.81 | 577.23 | |
| R-29 | Stone Edging (250mm*100mm) | m ² | 427.92 | 372.10 | |
| R-30 | Brushing | Rm | 218.50 | 190.00 | |
| R-31 | Prime coat | m ² | 24.44 | 21.25 | |
| R-32 | Tack coat | m ² | 168.81 | 146.79 | |
| R-33 | 20 mm. th. Premix carpet | m ² | 166.29 | 144.60 | |
| R-34 | Seal coat | m ² | 399.51 | 347.40 | |
| R-35 | Gravelling 15cm solid thickness including rolling | m ² | 209.41 | 182.10 | |
| | Gravelling 15cm solid thickness including rolling | m ² | 605.94 | 526.90 | |
| R-36 | Gravelling 15cm loose thickness without rolling | m ³ | 3847.24 | 3345.42 | |
| R-37 | Stone Soilling in Roadway | m ³ | 2922.29 | 2541.12 | |
| | Earth Work Excavation In Roadway & Drain | M3 | 4628.75 | 4025.00 | |
| R-38 | Hard Soil | | | | |
| R-39 | Soft (Ordinary) Rock | m3 | 133.07 | 122.00 | |
| R-40 | Medium Rock | m3 | 252.07 | 241.00 | |
| R-41 | Hard Rock | m3 | 422.07 | 411.00 | |
| R-42 | Land slide clearance by Machine | m3 | 1527.07 | 1516.00 | |
| R-43 | All Types Of Soil | m3 | 123.81 | 107.66 | |
| | | m3 | 269.07 | 258.00 | |

Mahabu Rural Municipality
Office Of the Rural Municipal Executive
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Karnali Province , Nepal



RATE ANALYSIS for Pipe GI F.Y.: 2081-082

| विवरण | कोड | इकाइ | जिल्ला दर | दर (रु.) | इकाइ तौल (केजी) |
|-------------------------------|---------|------|-----------|----------|-----------------|
| क.१) जि.आइ. पाइप | | | | | |
| जि.आइ. पाइप (१/२")-(मिडिएम) | GPM-15 | मी | 268.00 | 305.16 | 1.22 |
| जि.आइ. पाइप (३/४")-(मिडिएम) | GPM-20 | मी | 341.00 | 388.33 | 1.58 |
| जि.आइ. पाइप (१")-(मिडिएम) | GPM-25 | मी | 521.00 | 593.37 | 2.44 |
| जि.आइ. पाइप (१-१/४")-(मिडिएम) | GPM-32 | मी | 678.00 | 772.11 | 3.14 |
| जि.आइ. पाइप (१-१/२")-(मिडिएम) | GPM-40 | मी | 777.00 | 884.87 | 3.61 |
| जि.आइ. पाइप (२")-(मिडिएम) | GPM-50 | मी | 1,069.00 | 1,217.66 | 5.10 |
| जि.आइ. पाइप (२-१/२")-(मिडिएम) | GPM-63 | मी | 1,366.00 | 1,555.95 | 6.51 |
| जि.आइ. पाइप (३")-(मिडिएम) | GPM-75 | मी | 1,698.00 | 1,934.83 | 8.47 |
| जि.आइ. पाइप (४")-(मिडिएम) | GPM-100 | मी | 2,545.00 | 2,898.84 | 12.10 |
| जि.आइ. पाइप (५")-(मिडिएम) | GPM-125 | मी | 3,327.00 | 3,790.29 | 16.20 |
| जि.आइ. पाइप (६")-(मिडिएम) | GPM-150 | मी | 4,023.00 | 4,582.47 | 19.20 |

[Signature]
 कुमार कृष्ण
 असिस्टन्ट सव-इन्जिनियर

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 योगेन्द्र रावल
 सव-इन्जिनियर

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 योगेन्द्र रावल
 इन्जिनियर

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 जयराज शर्मा
 प्रमुख प्रशासकिय अधिकारी

Mahabu Rural Municipality
Office Of The Rural Municipal Executive
Gaidabaj Dailekh
Karnali Province, Nepal



Rate Analysis Of HDPE Pipe F.Y : 2081-082

| Pipe Code | Description Of Works | Unit | Rm | Weight | Rate per kg | Amount per rm |
|------------|-------------------------------------|------|------|--------|-------------|---------------|
| HP16-20 | पोलिथिन पाइप (२० मीमी) पि.एन.-१६ | मी | 1.00 | 0.135 | 397.38 | 53.65 |
| HP12.5-25 | पोलिथिन पाइप (२५ मीमी) पि.एन.-१२.५ | मी | 1.00 | 0.173 | 397.38 | 68.75 |
| HP16-25 | पोलिथिन पाइप (२५ मीमी) पि.एन.-१६ | मी | 1.00 | 0.208 | 397.38 | 82.65 |
| HP10-32 | पोलिथिन पाइप (३२ मीमी) पि.एन.-१० | मी | 1.00 | 0.234 | 397.38 | 92.99 |
| HP12.5-32 | पोलिथिन पाइप (३२ मीमी) पि.एन.-१२.५ | मी | 1.00 | 0.274 | 397.38 | 108.88 |
| HP16-32 | पोलिथिन पाइप (३२ मीमी) पि.एन.-१६ | मी | 1.00 | 0.338 | 397.38 | 134.31 |
| HP10-40 | पोलिथिन पाइप (४० मीमी) पि.एन.-१० | मी | 1.00 | 0.360 | 397.38 | 143.06 |
| HP12.5-40 | पोलिथिन पाइप (४० मीमी) पि.एन.-१२.५ | मी | 1.00 | 0.434 | 397.38 | 172.46 |
| HP16-40 | पोलिथिन पाइप (४० मीमी) पि.एन.-१६ | मी | 1.00 | 0.523 | 397.38 | 207.83 |
| HP6-50 | पोलिथिन पाइप (५० मीमी) पि.एन.-६ | मी | 1.00 | 0.365 | 397.38 | 145.04 |
| HP10-50 | पोलिथिन पाइप (५० मीमी) पि.एन.-१० | मी | 1.00 | 0.555 | 397.38 | 220.54 |
| HP12.5-50 | पोलिथिन पाइप (५० मीमी) पि.एन.-१२.५ | मी | 1.00 | 0.673 | 397.38 | 267.43 |
| HP16-50 | पोलिथिन पाइप (५० मीमी) पि.एन.-१६ | मी | 1.00 | 0.808 | 397.38 | 321.08 |
| HP6-63 | पोलिथिन पाइप (६३ मीमी) पि.एन.-६ | मी | 1.00 | 0.568 | 397.38 | 225.71 |
| HP10-63 | पोलिथिन पाइप (६३ मीमी) पि.एन.-१० | मी | 1.00 | 0.882 | 397.38 | 350.49 |
| HP12.5-63 | पोलिथिन पाइप (६३ मीमी) पि.एन.-१२.५ | मी | 1.00 | 1.047 | 397.38 | 416.05 |
| HP16-63 | पोलिथिन पाइप (६३ मीमी) पि.एन.-१६ | मी | 1.00 | 1.270 | 397.38 | 504.67 |
| HP6-75 | पोलिथिन पाइप (७५ मीमी) पि.एन.-६ | मी | 1.00 | 0.816 | 397.38 | 324.26 |
| HP10-75 | पोलिथिन पाइप (७५ मीमी) पि.एन.-१० | मी | 1.00 | 1.248 | 397.38 | 495.92 |
| HP12.5-75 | पोलिथिन पाइप (७५ मीमी) पि.एन.-१२.५ | मी | 1.00 | 1.481 | 397.38 | 588.51 |
| HP16-75 | पोलिथिन पाइप (७५ मीमी) पि.एन.-१६ | मी | 1.00 | 1.800 | 397.38 | 715.28 |
| HP6-90 | पोलिथिन पाइप (७५ मीमी) पि.एन.-६ | मी | 1.00 | 1.148 | 397.38 | 456.19 |
| HP10-90 | पोलिथिन पाइप (९० मीमी) पि.एन.-१० | मी | 1.00 | 1.787 | 397.38 | 710.11 |
| HP12.5-90 | पोलिथिन पाइप (९० मीमी) पि.एन.-१२.५ | मी | 1.00 | 2.144 | 397.38 | 851.97 |
| HP16-90 | पोलिथिन पाइप (९० मीमी) पि.एन.-१६ | मी | 1.00 | 2.591 | 397.38 | 1029.60 |
| HP6-110 | पोलिथिन पाइप (११० मीमी) पि.एन.-६ | मी | 1.00 | 1.688 | 397.38 | 670.77 |
| HP10-110 | पोलिथिन पाइप (११० मीमी) पि.एन.-१० | मी | 1.00 | 2.643 | 397.38 | 1050.26 |
| HP12.5-110 | पोलिथिन पाइप (११० मीमी) पि.एन.-१२.५ | मी | 1.00 | 3.177 | 397.38 | 1262.46 |
| HP16-110 | पोलिथिन पाइप (११० मीमी) पि.एन.-१६ | मी | 1.00 | 3.840 | 397.38 | 1525.92 |
| HP6-125 | पोलिथिन पाइप (१२५ मीमी) पि.एन.-६ | मी | 1.00 | 2.187 | 397.38 | 869.06 |
| HP10-125 | पोलिथिन पाइप (१२५ मीमी) पि.एन.-१० | मी | 1.00 | 3.405 | 397.38 | 1353.06 |
| HP12.5-125 | पोलिथिन पाइप (१२५ मीमी) पि.एन.-१२.५ | मी | 1.00 | 4.089 | 397.38 | 1624.87 |
| HP16-125 | पोलिथिन पाइप (१२५ मीमी) पि.एन.-१६ | मी | 1.00 | 4.962 | 397.38 | 1971.78 |
| HP6-140 | पोलिथिन पाइप (१४० मीमी) पि.एन.-६ | मी | 1.00 | 2.750 | 397.38 | 1092.78 |
| HP10-140 | पोलिथिन पाइप (१४० मीमी) पि.एन.-१० | मी | 1.00 | 4.261 | 397.38 | 1693.22 |
| HP12.5-140 | पोलिथिन पाइप (१४० मीमी) पि.एन.-१२.५ | मी | 1.00 | 5.132 | 397.38 | 2039.33 |
| HP16-140 | पोलिथिन पाइप (१४० मीमी) पि.एन.-१६ | मी | 1.00 | 6.209 | 397.38 | 2467.31 |

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|------------|-------------------------------------|----|------|--------|--------|----------|
| HP6-160 | पोलिथिन पाइप (१६० मीमी) पि.एन.-६ | मी | 1.00 | 3.579 | 397.38 | 1422.21 |
| HP10-160 | पोलिथिन पाइप (१६० मीमी) पि.एन.-१० | मी | 1.00 | 5.559 | 397.38 | 2209.01 |
| HP12.5-160 | पोलिथिन पाइप (१६० मीमी) पि.एन.-१२.५ | मी | 1.00 | 6.695 | 397.38 | 2660.43 |
| HP16-160 | पोलिथिन पाइप (१६० मीमी) पि.एन.-१६ | मी | 1.00 | 8.134 | 397.38 | 3232.25 |
| HP6-180 | पोलिथिन पाइप (१८० मीमी) पि.एन.-६ | मी | 1.00 | 4.518 | 397.38 | 1795.34 |
| HP10-180 | पोलिथिन पाइप (१८० मीमी) पि.एन.-१० | मी | 1.00 | 7.054 | 397.38 | 2803.09 |
| HP12.5-180 | पोलिथिन पाइप (१८० मीमी) पि.एन.-१२.५ | मी | 1.00 | 8.466 | 397.38 | 3364.18 |
| HP16-180 | पोलिथिन पाइप (१८० मीमी) पि.एन.-१६ | मी | 1.00 | 10.256 | 397.38 | 4075.49 |
| HP6-200 | पोलिथिन पाइप (२०० मीमी) पि.एन.-६ | मी | 1.00 | 5.564 | 397.38 | 2211.00 |
| HP10-200 | पोलिथिन पाइप (२०० मीमी) पि.एन.-१० | मी | 1.00 | 8.698 | 397.38 | 3456.37 |
| HP12.5-200 | पोलिथिन पाइप (२०० मीमी) पि.एन.-१२.५ | मी | 1.00 | 10.441 | 397.38 | 4149.00 |
| HP16-200 | पोलिथिन पाइप (२०० मीमी) पि.एन.-१६ | मी | 1.00 | 12.667 | 397.38 | 5033.56 |
| HP6-225 | पोलिथिन पाइप (२२५ मीमी) पि.एन.-६ | मी | 1.00 | 7.065 | 397.38 | 2807.46 |
| HP10-225 | पोलिथिन पाइप (२२५ मीमी) पि.एन.-१० | मी | 1.00 | 10.975 | 397.38 | 4361.20 |
| HP12.5-225 | पोलिथिन पाइप (२२५ मीमी) पि.एन.-१२.५ | मी | 1.00 | 13.217 | 397.38 | 5252.12 |
| HP16-225 | पोलिथिन पाइप (२२५ मीमी) पि.एन.-१६ | मी | 1.00 | 16.014 | 397.38 | 6363.58 |
| HP6-250 | पोलिथिन पाइप (२५० मीमी) पि.एन.-६ | मी | 1.00 | 8.678 | 397.38 | 3448.43 |
| HP10-250 | पोलिथिन पाइप (२५० मीमी) पि.एन.-१० | मी | 1.00 | 13.520 | 397.38 | 5372.52 |
| HP12.5-250 | पोलिथिन पाइप (२५० मीमी) पि.एन.-१२.५ | मी | 1.00 | 16.263 | 397.38 | 6462.52 |
| HP16-250 | पोलिथिन पाइप (२५० मीमी) पि.एन.-१६ | मी | 1.00 | 19.758 | 397.38 | 7851.35 |
| HP6-280 | पोलिथिन पाइप (२८० मीमी) पि.एन.-६ | मी | 1.00 | 10.885 | 397.38 | 4325.44 |
| HP10-280 | पोलिथिन पाइप (२८० मीमी) पि.एन.-१० | मी | 1.00 | 16.936 | 397.38 | 6729.96 |
| HP12.5-280 | पोलिथिन पाइप (२८० मीमी) पि.एन.-१२.५ | मी | 1.00 | 20.393 | 397.38 | 8103.68 |
| HP16-280 | पोलिथिन पाइप (२८० मीमी) पि.एन.-१६ | मी | 1.00 | 24.773 | 397.38 | 9844.19 |
| HP6-315 | पोलिथिन पाइप (३१५ मीमी) पि.एन.-६ | मी | 1.00 | 13.781 | 397.38 | 5476.24 |
| HP10-315 | पोलिथिन पाइप (३१५ मीमी) पि.एन.-१० | मी | 1.00 | 21.459 | 397.38 | 8527.29 |
| HP12.5-315 | पोलिथिन पाइप (३१५ मीमी) पि.एन.-१२.५ | मी | 1.00 | 25.818 | 397.38 | 10259.45 |
| HP16-315 | पोलिथिन पाइप (३१५ मीमी) पि.एन.-१६ | मी | 1.00 | 31.307 | 397.38 | 12440.64 |

कुमार
असिष्ट सच-इन्जिनियर

योगेश्वर राज
सच-इन्जिनियर

नविन थापा
इन्जिनियर

जयशंकर उपाध्याय
प्रमुख प्रशासकीय अधिकृत



Mahabu Rural Municipality
Office Of The Rural Municipal Executive
Gaidabaj, Dailekh
Karnali Province Nepal



F/Y: 2081-082

1 Pipe and Fitting

| No. | Particulars of works | Quantity | Unit | Rate | Rate with 15% Vat | Remarks |
|--------------------------------|-----------------------|----------|------|-----------|-------------------|---------|
| 1 GM Gate Valve NS -149 | | | | | | |
| | 100mm dia NS 149-2044 | 1.00 | No. | 51,557.00 | 58,259.41 | |
| | 80mm dia NS 149-2044 | 1.00 | No. | 27,130.00 | 30,656.90 | |
| | 65mm dia NS 149-2044 | 1.00 | No. | 18,089.00 | 20,440.57 | |
| | 50mm dia NS 149-2044 | 1.00 | No. | 9,041.00 | 10,216.33 | |
| | 40mm dia NS 149-2044 | 1.00 | No. | 5,427.00 | 6,132.51 | |
| | 32mm dia NS 149-2044 | 1.00 | No. | 4,162.00 | 4,703.06 | |
| | 25mm dia NS 149-2044 | 1.00 | No. | 2,986.00 | 3,374.18 | |
| | 20mm dia NS 149-2045 | 1.00 | No. | 1,899.00 | 2,145.87 | |
| | 15mm dia NS 149-2046 | 1.00 | No. | 1,356.00 | 1,532.28 | |
| 2 Flow regulator Valve | | | | | | |
| | 15mm dia | 1.00 | No. | 896.00 | 1,012.48 | |
| 3 Brass Bib Cock HV | | | | | | |
| | 15mm dia | 1.00 | No. | 575.00 | 649.75 | |
| 4 Brass Union UNF | | | | | | |
| | 63/50mm dia | 1.00 | No | 2,800.00 | 3,164.00 | |
| | 50/40mm dia | 1.00 | No | 2,478.00 | 2,800.14 | |
| | 40/32mm dia | 1.00 | No | 1,655.00 | 1,870.15 | |
| | 32/25mm dia | 1.00 | No | 1,214.00 | 1,371.82 | |
| | 20/25mm dia | 1.00 | No | 816.00 | 922.08 | |
| | 15/20mm dia | 1.00 | No | 517.00 | 584.21 | |
| 5 GI Union | | | | | | |
| | 100mm dia. | 1.00 | No | 2,889.00 | 3,264.57 | |
| | 80mm dia. | 1.00 | No | 2,275.00 | 2,570.75 | |
| | 65mm dia. | 1.00 | No | 1,595.00 | 1,802.35 | |
| | 50mm dia. | 1.00 | No | 847.00 | 957.11 | |
| | 40mm dia. | 1.00 | No | 555.00 | 627.15 | |
| | 32mm dia. | 1.00 | No | 458.00 | 517.54 | |
| | 25mm dia. | 1.00 | No | 285.00 | 322.05 | |
| | 20mm dia. | 1.00 | No | 198.00 | 223.74 | |
| | 15mm dia. | 1.00 | No | 158.00 | 178.54 | |
| 6 GI Nipple MN | | | | | | |
| | 100mm dia. (15cm) | 1.00 | No | 1,177.00 | 1,330.01 | |
| | 80mm dia. (15cm) | 1.00 | No | 886.00 | 1,001.18 | |
| | 65mm dia. (15cm) | 1.00 | No | 609.00 | 688.17 | |
| | 50mm dia. (15cm) | 1.00 | No | 408.00 | 461.04 | |
| | 40mm dia. (15cm) | 1.00 | No | 308.00 | 348.04 | |
| | 32mm dia. (15cm) | 1.00 | No | 198.00 | 223.74 | |
| | 25mm dia. (15cm) | 1.00 | No | 142.00 | 160.46 | |
| | 20mm dia. (15cm) | 1.00 | No | 106.00 | 119.78 | |
| | 15mm dia. (15cm) | 1.00 | No | 65.00 | 73.45 | |



| S.N. | Particulars of works | Quantity | Unit | Rate | Rate with 15% Vat | Remarks |
|------|----------------------|----------|------|----------|-------------------|---------|
| | 100mm dia. | 1.00 | No | 1,318.00 | 1,489.34 | |
| | 80mm dia. | 1.00 | No | 816.00 | 922.08 | |
| | 65mm dia. | 1.00 | No | 540.00 | 610.20 | |
| | 50mm dia. | 1.00 | No | 330.00 | 372.90 | |
| | 40mm dia. | 1.00 | No | 195.00 | 220.35 | |
| | 32mm dia. | 1.00 | No | 158.00 | 178.54 | |
| | 25mm dia. | 1.00 | No | 106.00 | 119.78 | |
| | 20mm dia. | 1.00 | No | 68.00 | 76.84 | |
| | 15mm dia. | 1.00 | No | 45.00 | 50.85 | |
| 8 | GI Elbow NS | | | | | |
| | 100mm dia. | 1.00 | No | 2,365.00 | 2,672.45 | |
| | 80mm dia. | 1.00 | No | 1,310.00 | 1,480.30 | |
| | 65mm dia. | 1.00 | No | 966.00 | 1,091.58 | |
| | 50mm dia. | 1.00 | No | 509.00 | 575.17 | |
| | 40mm dia. | 1.00 | No | 330.00 | 372.90 | |
| | 32mm dia. | 1.00 | No | 241.00 | 272.33 | |
| | 25mm dia. | 1.00 | No | 150.00 | 169.50 | |
| | 20mm dia. | 1.00 | No | 98.00 | 110.74 | |
| | 15mm dia. | 1.00 | No | 60.00 | 67.80 | |
| 9 | GI Equil Tee NS | | | | | |
| | 100mm dia. | 1.00 | No | 2,583.00 | 2,918.79 | |
| | 80mm dia. | 1.00 | No | 1,572.00 | 1,776.36 | |
| | 65mm dia. | 1.00 | No | 1,101.00 | 1,244.13 | |
| | 50mm dia. | 1.00 | No | 591.00 | 667.83 | |
| | 40mm dia. | 1.00 | No | 374.00 | 422.62 | |
| | 32mm dia. | 1.00 | No | 288.00 | 325.44 | |
| | 25mm dia. | 1.00 | No | 188.00 | 212.44 | |
| | 20mm dia. | 1.00 | No | 141.00 | 159.33 | |
| | 15mm dia. | 1.00 | No | 94.00 | 106.22 | |
| 10 | GI Unequil Tee NS | | | | | |
| | 80*80*15mm dia | 1.00 | No | 2,054.00 | 2,321.02 | |
| | 65*65*15mm dia | 1.00 | No | 1,321.00 | 1,492.73 | |
| | 50*50*15mm dia | 1.00 | No | 741.00 | 837.33 | |
| | 40*40*15mm dia | 1.00 | No | 471.00 | 532.23 | |
| | 32*32*15mm dia | 1.00 | No | 354.00 | 400.02 | |
| | 25*25*15mm dia | 1.00 | No | 238.00 | 268.94 | |
| | 20*20*15mm dia | 1.00 | No | 179.00 | 202.27 | |
| 11 | GI Plug | | | | | |
| | 100mm dia. | 1.00 | No | 584.00 | 659.92 | |
| | 80mm dia. | 1.00 | No | 345.00 | 389.85 | |
| | 65mm dia. | 1.00 | No | 244.00 | 275.72 | |
| | 50mm dia. | 1.00 | No | 173.00 | 195.49 | |
| | 40mm dia. | 1.00 | No | 113.00 | 127.69 | |
| | 32mm dia. | 1.00 | No | 90.00 | 101.70 | |
| | 25mm dia. | 1.00 | No | 54.00 | 61.02 | |
| | 20mm dia. | 1.00 | No | 35.00 | 39.55 | |
| | 15mm dia. | 1.00 | No | 19.00 | 21.47 | |
| 12 | GI Reducer | | | | | |
| | 40*50mm dia | | | | | |



| Particulars of works | Quantity | Unit | Rate | Rate with 15% Vat | Remarks |
|----------------------|----------|------|----------|-------------------|---------|
| 32*40mm dia | 1.00 | No | 132.00 | 149.16 | |
| 25*20mm dia | 1.00 | No | 68.00 | 76.84 | |
| 20*15mm dia | 1.00 | No | 49.00 | 55.37 | |
| 13 GI Stainer | | | | | |
| 50mm dia. | 1.00 | No | 935.00 | 1,056.55 | |
| 40mm dia. | 1.00 | No | 693.00 | 783.09 | |
| 32mm dia. | 1.00 | No | 593.00 | 670.09 | |
| 25mm dia. | 1.00 | No | 357.00 | 403.41 | |
| 20mm dia. | 1.00 | No | 273.00 | 308.49 | |
| 15mm dia. | 1.00 | No | 137.00 | 154.81 | |
| 14 GI End Cap | | | | | |
| 100mm dia. | 1.00 | No | 779.00 | 880.27 | |
| 80mm dia. | 1.00 | No | 509.00 | 575.17 | |
| 65mm dia. | 1.00 | No | 374.00 | 422.62 | |
| 50mm dia. | 1.00 | No | 203.00 | 229.39 | |
| 40mm dia. | 1.00 | No | 160.00 | 180.80 | |
| 30mm dia. | 1.00 | No | 139.00 | 157.07 | |
| 25mm dia. | 1.00 | No | 82.00 | 92.66 | |
| 20mm dia. | 1.00 | No | 59.00 | 66.67 | |
| 15mm dia. | 1.00 | No | 37.00 | 41.81 | |
| 15 Other | | | | | |
| Water Meter | 1.00 | No. | 1,386.00 | 1,566.18 | |
| Brass Tap 400gm | 1.00 | No. | 941.00 | 1,063.33 | |
| Frual | 1.00 | No. | 515.00 | 581.95 | |
| 40mm dia Saddle | 1.00 | No. | 289.00 | 326.57 | |
| 50mm dia Saddle | 1.00 | No. | 315.00 | 355.95 | |
| 60mm dia Saddle | 1.00 | No. | 347.00 | 392.11 | |
| 75mm dia Saddle | 1.00 | No. | 375.00 | 423.75 | |
| 90mm dia Saddle | 1.00 | No. | 405.00 | 457.65 | |

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 कुमार
 अलिस्ट सर्व-इन्जिनियर

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 योगेन्द्र राय
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 उपस्थित
 प्रमुख प्रशासनिक अधिकारी