

Specimen Estimate for Renovation and Cleaning of Sullage Water of Pond in Villages Bhagwanpura Block Malout Distt- Sri Muktsar Sahib

[illegible]

| | | | | | | | | | | |
|----|--|----|--------|--------|-------------------------------------|---------|-----|---------|----|----------|
| | 1st step | 2 | 6 | 2.25 | 0.5 | 13.50 | | | | |
| | 2nd step | 2 | 6 | 1.875 | 0.5 | 11.25 | | | | |
| | 3rd step | 2 | 6 | 1.5 | 0.5 | 9.00 | | | | |
| | 4th step | 2 | 6 | 1.125 | 2.5 | 33.75 | | | | |
| | | | | | Total | 214.31 | | | | |
| | D/d pipe area | 2 | 3.14 | 0.5625 | 1.125 | 3.97 | | | | |
| | Net Qty.(460.69-3.97) | | | | | 210.34 | | | | |
| | | | | | or Cum | 5.95 | | 2485.48 | 54 | 22784.32 |
| 6 | 12.5mm thick cement plaster with C.M 1:3 with 1mm thick cement rendering as per ch.no.15.8+15.48 | | | | | | | | | |
| | Screening Chamber inside | 2 | (10+6) | 4 | - | 128.00 | | | | |
| | | | | | Total | 128.00 | | | | |
| | D/d pipe dia 22/7x0.75x0.75 | | | | | 1.76 | | | | |
| | Net Qty.(128-176) | | | | | 126.24 | | | | |
| | | | | | or Sqm | 11.73 | | 124.99 | 40 | 2052.18 |
| 7 | Providing and fixing M.Steel vertical grating 40mmx6mm | | | | | | | | | |
| | | 72 | 4 | - | - | 288.00 | | | | |
| | | | | | or Rmt | 87.78 | | | | |
| | | | | | @Rs. 1.88 Kg. / Rmt | 165.03 | | | | |
| | | | | | | 1.65 | | 6894.90 | 23 | 13995.82 |
| 8 | Centring & Shuttering in foundation & Plinth (Ch.no. 9.1) | | | | | | | | | |
| | 1st well (Settling Chamber)inside | 1 | 3.14 | 16.00 | 12 | 602.88 | Sft | | | |
| | outside | 1 | 3.14 | 17.50 | 12 | 659.40 | Sft | | | |
| | 2nd well (oily water chamber) inside | 1 | 3.14 | 12.00 | 10 | 376.80 | Sft | | | |
| | outside | 1 | 3.14 | 13.50 | 10 | 423.90 | Sft | | | |
| | 3rd well inside | 1 | 3.14 | 8.00 | 12 | 301.44 | Sft | | | |
| | outside | 1 | 3.14 | 9.50 | 12 | 357.96 | Sft | | | |
| | | | | | Total | 2722.38 | Sft | | | |
| | D/d Inlet and outlet pipe ∅r2 | 6 | 3.14 | 0.75 | 0.75 | 10.60 | Sft | | | |
| | Net Qty(2722.38-10.60) | | | | Total | 2711.78 | Sft | | | |
| | | | | | or Sqm | 251.92 | | 132.14 | 35 | 44940.58 |
| 9 | Providing and laying cutting jointing R.C.C pipe NP2 450mm dia as per ch.no. | | | | | | | | | |
| | | 10 | 2.5 | - | - | 25.00 | Rmt | 1102.00 | | 37192.50 |
| 10 | R.C.C. M-20 in foundation & Plinth. (Ch.no. 10.15) | | | | | | | | | |
| | 1st well for bed | 1 | 3.14 | 76.56 | 0.75 | 180.30 | | | | |
| | Ver. wall 22/7x4(17.50x17.50-16x16)x12 | - | - | - | - | 473.78 | | | | |
| | 2nd well | 1 | 3.14 | 45.56 | 0.75 | 107.29 | | | | |
| | Ver. wall 22/7x4(13.5x13.5-12x12)x10 | - | - | - | - | 300.53 | | | | |
| | 3rd well | 1 | 3.14 | 22.56 | 0.75 | 53.13 | | | | |
| | Ver. wall 22/7x4(9.50x9.50-8x8)x12 | - | - | - | - | 247.50 | | | | |
| | | | | | Total | 1362.53 | | | | |

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| | | | | | | | | | | |
|----|---|---|-------|--------|---------|---------|-----|------------------|-----|-------------------|
| 17 | Providing and fixing M.S frame with grill for well and screening chamber size 40x40x6mm | | | | | | | | | |
| | | 1 | 12.25 | 8.250 | - | 101.06 | Sft | | | |
| | | 1 | 3.14 | 76.560 | - | 240.40 | Sft | | | |
| | | 1 | 3.14 | 45.560 | - | 143.06 | Sft | | | |
| | | 1 | 3.14 | 22.560 | - | 70.84 | Sft | | | |
| | | | | | Total | 555.36 | | | | |
| | @2.41kg per sft | | | | | 1338.41 | | | | |
| | | | | | or Qtl. | 13.38 | | 6894.90 | 23 | 113507.07 |
| 18 | Painting three coat including one priming coat with ordinary paint on steel work. (Ch no. 16.21 b+ 16.22 b) | | | | | | | | | |
| | Take Double of item no.21 i.e | | | | | | | | | |
| | 555.36x2 | | | | Total | 1110.72 | Sft | | | |
| | | | | | OR | 103.19 | Sqm | 55.17 | 25 | 7115.96 |
| 19 | Const. of Cow ghat | 1 | - | - | - | 1 | no. | 62107.68 | | 62107.68 |
| 20 | Extra Carriage of C/S,C.Bazri & Stone agg | | | | | 76.46 | | 698.00 | | 53366.55 |
| 21 | Extra Carriage of F/Sand | | | | | 1.68 | | 364.00 | | 609.99 |
| | | | | | | | | Total | | 1860299.66 |
| | Difference of Rate of Material | | | | | | | | (-) | 78467.12 |
| | | | | | | | | Net.Total | | 1781832.54 |
| 22 | Add 2% Misc. exp. | | | | | | | | | 35636.65 |
| | | | | | | | | G.Total | | 1817469.19 |
| | | | | | | | | Say Rs. | | 18.17 |

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Note:-

- 1 This is a Proforma Estimate based on various assumptions . Detailed Estimate should be prepared as per actual site conditions and got Techincally Sanctioned before execution of work.
- 2 Lumpsum Rates have been taken for Estimate purpose only. Payment should be made as per actual work done.
- 3 Market Rates have been taken for Estimate purpose only.These should be verified before execution/payment.

| Analysis of rates for the Construction Of Retaining Wall Type A | | | | | | | | | |
|---|--|-------|-----|--------|-------|--------|-----------|-----------|-----------|
| UNIT 100 Rft. | | | | | | | | | |
| Sr. No. | Item | N o. | L | B | D | Qty. | Rate | Premiu m% | Amount |
| 1 | Earth work in excavation of foundation | | | | | | | | |
| | trenches in all kinds of soils upto 6' dep. | 1 | 100 | 3.375 | 2 | 675 | cft | | |
| | | | | Or Cum | | 19.10 | 66.28 | 80 | 2278.70 |
| 2 | Cement conc. 1:8:16 with brick ballast 40 mm guage | 1 | 100 | 3.375 | 0.75 | 253 | Cft | | |
| | | | | Or Cum | | 7.16 | 1534.38 | 28 | 14062.28 |
| 3 | Ist class B.B. work in 1:5 C.M. in found. & plinth | | | | | | | | |
| | 1st step | 1 | 100 | 2.63 | 1.50 | 394 | | | |
| | 2nd step | 1 | 100 | 2.25 | 1.50 | 338 | | | |
| | 3rd step | 1 | 100 | 1.875 | 1.50 | 281 | | | |
| | 4th step | 1 | 100 | 1.50 | 0.50 | 75 | | | |
| | | | | | Cft | 1088 | | | |
| | | | | Or Cum | | 30.78 | 2485.48 | 54 | 117814.73 |
| 4 | Ist class B.B. work in 1:5 C.M. in super structure | | | | | | | | |
| | | 1 | 100 | 1.50 | 0.50 | 75 | | | |
| | | 1 | 100 | 1.125 | 1.125 | 127 | | | |
| | | | | | Cft | 201.56 | | | |
| | | | | Or Cum | | 5.70 | 2668.08 | 54 | 23420.41 |
| 5 | Ist class B.B. work in 1:4 C.M. in S/S | | | | | | | | |
| | 5th step | 1 | 100 | 1.125 | 0.375 | 42 | Cft | | |
| | | | | Or Cum | | 1.19 | 2755.49 | 54 | 5049.71 |
| | Extra carriage of materials above 5km (Fine Sand. | | | | | 13 | 364.00 | | 4745.00 |
| | | | | | | | | Total | 167370.83 |
| | Difference rate of materials. | | | | | | | | 6608.00 |
| | | | | | | | N. Total | | 160762.83 |
| | | | | | | | Say Rs. | | 1608.00 |
| Per Rft | | | | | | | | | |
| CONSUMPTION STATEMENT | | | | | | | | | |
| Sr. No. | Item | Qty. | | CEMENT | | SAND | B/BALLAST | | BRICKS |
| 1 | Cement conc. 1:8:16 with B.B. | 7.16 | | 12.89 | | 3.58 | 7.16 | | - |
| 2 | Ist class B.B. work in 1:5 C.M. | 36.48 | | 52.90 | | 9.12 | - | | 17511 |
| 3 | B.B. work in 1:4 C.M. in S/S | 1.19 | | 2.08 | | 0.30 | - | | 572 |
| | Total | | | 67.87 | | 13.00 | 7.16 | | 18083 |
| Difference of Quarry Rate. | | | | | | | | | |
| 1 | Cement 67.87 Bags @ Rs.50/- Per Bag | | | | | | 3394.00 | | |
| 2 | Bricks 18083 Nos. @ Rs.177.76Nos. | | | | | | 3214.00 | | |
| | | | | | | Total | 6608.00 | | |

**DETAILED ESTIMATE FOR THE CONSTRUCTION ANIMAL GHAT AT VILL-BHAGWANPURA
BLOCK MALOUT DISTT. SRI MUKTSAR SAHIB**

| Sr. No | Item | No | Length (Feet.) | Bredth (Feet.) | Ht/Depth (Feet.) | Qty | | Cost |
|--------|--|-------|----------------|----------------|------------------|--------|-----|----------|
| 1 | Earth work in excavation in foundations, trenches etc. in all kinds of soil where pick jumper work is not involved and not exceeding 2.0 metres depth including dressing of bottom and sides of trenches, stacking the excavated soil clear from the edge of excavation as per CSR 6.6 | | | | | | | |
| | Side vert. toe wall (0+5.5/2=2.75) | 2 | 26.500 | 2.250 | 2.75 | 328.00 | Cft | |
| | Hori. Toe wall | 2 | 18.500 | 1.500 | 1.50 | 83.00 | Cft | |
| | | | | | | 411.00 | Cft | |
| | | | | | | 12.00 | Cum | |
| | | @ Rs. | 66.28 | 80% | 119.30 | Cum | | 1432.00 |
| | | | | | | | | |
| 2 | Cement Conc. 1:6:12 with stone aggregate 40 mm gauge using mechanical mixer volumetric type. (CSR Ch.10.7 b (ii) | | | | | | | |
| | Side vert. toe wall | 2 | 26.500 | 2.250 | 0.50 | 60.00 | Cft | |
| | Hori. Toe wall | 2 | 18.500 | 1.500 | 0.50 | 28.00 | Cft | |
| | under floor. | 1 | 20.000 | 18.500 | 0.33 | 122.00 | Cft | |
| | | | | | | 210.00 | Cft | |
| | | | | | | 6.00 | Cum | |
| | | @ Rs. | 1557.12 | 28% | 1993.11 | Cum | | 11959.00 |
| | | | | | | | | |
| 3 | First class burnt brick work laid in cement sand mortar 1:5 in foundation and plinth. as per CSR 11.5 | | | | | | | |
| | Side toe wall 1st step. | 2 | 25.750 | 1.500 | 0.500 | 39.00 | Cft | |
| | 2nd step. | 2 | 25.375 | 1.125 | 0.500 | 29.00 | Cft | |
| | 3rd step. (0+5.5/2=2.75) | 2 | 25.00 | 0.75 | 2.75 | 103.00 | Cft | |
| | Tap toe wall 1st step. | 1 | 19.63 | 0.75 | 0.50 | 7.00 | Cft | |
| | 2nd step. | 1 | 20.00 | 0.75 | 0.50 | 8.00 | Cft | |
| | Battom toe wall 1st step. | 1 | 23.13 | 0.75 | 0.50 | 9.00 | Cft | |
| | 2nd step. | 1 | 23.50 | 0.75 | 0.50 | 9.00 | Cft | |
| | Side Parapet. | 2 | 20.00 | 0.75 | 1.00 | 30.00 | Cft | |
| | | | | | Total | 234.00 | Cft | |
| | | | | | OR | 7.00 | Cum | |
| | | @ Rs. | 2485.48 | 54% | 3827.64 | Cum | | 26793.00 |
| | | | | | | | | |

| | | | | | | | | |
|---|--|-------|---------------------|---------|---------|---------|-----|----------|
| 4 | Compaction of earth work and prepration o sub grade including lossening , leveling of earth 225mm thick top layer rough dressing of soil final dressing of earth to give level camber, watering, rolling with road roller, compacting the bed to achieve minimum dry density as given in table 300-2 as per technical clause 305 of MORTH & H specification (in case of link roads earth work to be done by villagers. (CSR Ch.24.4 C) | | | | | | | |
| | | 1 | 20 | 18.500 | 0.000 | 370.000 | Sft | |
| | | 1 | $\frac{20+23.5}{5}$ | 5.000 | 5.000 | 109.000 | Sft | |
| | | | | | Total | 479.000 | Sft | |
| | | | | | OR | 44.50 | Sqm | |
| | | @ Rs. | 5.18 | 14% | 5.91 | Sqm | | 263.00 |
| 5 | Sand filling under Floor. (A.R.) | | | | | | | |
| | | | | | | | | |
| | | 1 | 20 | 18.500 | 0.330 | 122.00 | Cft | |
| | | | | | Total | 122.00 | cft | |
| | | | | | OR | 3.46 | | |
| | | @ Rs. | 315.45 | 0% | 315.45 | Sqm | | 1090.00 |
| | | | | | | | | |
| 6 | First class burnt brick work laid in cement sand mortar 1:4 in foundation and plinth. as per CSR 11.7 | | | | | | | |
| | | 1 | 20.000 | 18.500 | 0.375 | 139.00 | Cft | |
| | | 18 | 20.000 | 0.250 | 0.375 | 34.00 | Cft | |
| | | 1 | $\frac{21.5+25}{2}$ | 5.000 | 0.375 | 44.00 | Cft | |
| | | | | | Total | 217.00 | Cft | |
| | | | | | OR | 6.15 | Cum | |
| | | @ Rs. | 2572.89 | 54% | 3962.25 | Cum | | 24350.00 |
| 7 | 12.5mm thick cement plaster 1:4 (CSR Ch. No 15.9) | | | | | | | |
| | Side vert. toe wall (0+6.5/2=3.25) | 2 | 20.000 | 3.250 | - | 130.00 | Sft | |
| | onside parapet. | 2 | 20.000 | 1.000 | - | 40.00 | Sft | |
| | | 2 | 20.000 | 0.750 | - | 30.00 | Sft | |
| | | | | | Total | 200.00 | Sft | |
| | | | | | OR | 18.58 | Sqm | |
| | | @ Rs. | 84.10 | 40% | 117.74 | Sqm | | 2188.00 |
| 8 | Extra Carriage of Material | | | | | | | |
| | i) Fine Sand | | | | | | Cum | |
| | | | 9.04 | . @ Rs. | 364.00 | | Cum | 3290.56 |
| | ii) Course Sand | | | | | | Cum | |
| | | | | . @ Rs. | 698.00 | | Cum | 0.00 |
| | iii) Bajri | | | | | | Cum | |
| | | | | . @ Rs. | 698.00 | | Cum | 0.00 |
| | iv) Stone Ballast | | | | | | Cum | |

| | | | | | | | | |
|---|---|--|------|---------|--------|----------------|-------|-----------------|
| | | | 5.94 | . @ Rs. | 698.00 | | Cum | 4146.12 |
| | | | | | | Total | | 65511.68 |
| 9 | Difference of quarry rate of materials (Detail attached) | | | | | | (-) | 3404.00 |
| | | | | | | N.Total | | 62107.68 |
| | | | | | | Say Rs. | | 0.62 |

Lacs

Consumption Statement of Animal Ghat

| Sr No. | Item | Qty. | Cement | F/Sand | Stone mettal | Bricks |
|---------------|-----------------|-------------|---------------|---------------|---------------------|----------------|
| 1 | P.C.C. 1:6:12 | 6.00 Cum | 14.10 | 2.97 | 5.94 | - |
| 2 | B.B. Work 1:5 | 7.00 Cum | 10.15 | 0.75 | - | 3360 |
| 3 | Sand filling. | 3.48 Cum | - | 3.48 | - | - |
| 4 | B.B. in CSM 1:4 | 6.15 Cum | 10.76 | 1.54 | - | 2952 |
| 5 | 12.5 mm C.P.1.4 | 18.58 Sqm | 2.23 | 0.3 | - | - |
| | | | 37.24 | 9.04 | 5.94 | 6312.00 |
| | | | Bag | Cum | Cum | Nos. |

Difference of Quarry Rate of Materials.

| | | | | | |
|---|----------|---------|------|---|----------------|
| 1 | Cement | 37.24 | Bag | .@ Rs. 50.00 Per Bag | 1862.00 |
| 2 | Bricks. | 6312.00 | Nos. | .@ Rs. 177.76 Per 1000 Nos. | 1122.00 |
| 3 | S. Metal | 5.94 | Qtl. | .@ Rs.70.63 Per Cum | 420.00 |
| | | | | Total | 3404.00 |
| | | | | Say Rs. | 3404.00 |

Analysis of rate for Sand filling under floor for the Construction of Animal Ghat in
Pond at Village Bhagwanpura Block Malout Distt- Sri Muktsar Sahib.

Unit =Cum

| | |
|--|---------------|
| 1. Quarry Rate of Sand | 52.75 |
| 2. Carriage of First 5 Km | 142.50 |
| Add 20% Premium on Rs. 142.50 | 28.50 |
| 3. Loading & Undloading | 26.60 |
| Add 75% Premium on Rs. 26.60 | 19.95 |
| 4. Labour for Sand Filling Under Floor | 25.80 |
| Add 75% Premium on Rs. 25.80 | 19.35 |
| Total | 315.45 |

Certified that the lead is minimum/Possible

Analysis for P.C.C Conc. M-20 for footh path along pond wall & Ret.wall at
vill.Bhagwanpura

| Sr. N o. | Item | No | L | B | H | Qty | Rate | Pre miu m% | Amount |
|----------|--|----|----------|--------|---|-------|---------|------------|----------|
| 1 | Praprartion of sub grade to the required slops & Camber ch.no.24.4 (c) | | | | | | | | |
| | | | | | | 100 | | | |
| | | | | or Sqm | | 9.29 | 5.18 | 14 | 54.86 |
| 2 | Providing and laying spreading G.S.B Grade-I as per ch.no.24.8 | | | | | | | | |
| | | 1 | 100x0.25 | | | 25 | | | |
| | | | | or cum | | 0.708 | 511.18 | 47 | 531.64 |
| 3 | 40mm gauge stone agg. C.C 1:6:12 as per ch.no.10.7 b (ii) | | | | | | | | |
| | Same as per item no.2 i.e | | | | | 0.708 | 1557.12 | 28 | 1410.13 |
| 4 | P.C.C M-20 as per ch.no. 10.15 | | | | | | | | |
| | | 1 | 100x0.33 | | | 33.33 | | | |
| | | | | or Cum | | 0.943 | 3274.96 | 28 | 3954.01 |
| 5 | Extra Carriage of C/S,C.Bazri & Stone agg from mirthal to site of work | | | | | 2.914 | 698.00 | | 2034.264 |
| | | | | | | | Total | | 7984.90 |
| | Diff. of Quarry Rate | | | | | | (-) | | 542.96 |
| | | | | | | | N.Total | | 7441.94 |
| | | | | | | | Sft | | 74.42 |

| <u>Consumption Statement</u> | |
|------------------------------|--|
|------------------------------|--|

| Sr No. | Item | Qty. | Cement | C.Sand | C.Bazri | Stone Agg. | G.S.B |
|--------|-------------|------|-------------|--------------|--------------|--------------|--------------|
| 1 | G.S.B | 0.71 | - | - | - | - | 0.9056 |
| 2 | C.C. 1:6:12 | 0.71 | 1.662625 | 0.035 | - | 0.700 | - |
| 3 | P.C.C M-20 | 0.94 | 6.1310535 | 0.4245 | 0.84892 | - | - |
| | | | 7.79 | 0.459 | 0.849 | 0.700 | 0.906 |
| | | | Bag | Cum | Cum | Cum | Nos. |

| |
|---|
| Difference of Quarry Rate of Materials. |
|---|

| | | | | | |
|---|---------|-------|--------------------------------|----------------|---------------|
| 1 | Cement | 7.79 | .@Rs.50/Bags | | 389.68 |
| 2 | C.Sand | 0.459 | .@Rs.34.77/Cum | | 15.98 |
| 3 | C.Bazri | 0.849 | .@Rs.97.67/Cum | | 82.91 |
| 4 | S.Agg. | 0.700 | .@Rs.70.63/Cum | | 49.47 |
| 5 | G.S.B | 0.906 | .@Rs.5.43 | | 4.92 |
| | | | | Total | 542.96 |
| | | | | Say Rs. | 542.96 |
| | | | | | |

Analysis for providing and fixing M.S angle and 12mm Sqm bars for top Jali of Screening Chamber and well in pond

| Sr.No. | Item | No | L | B | H | Qty | Rate | Premium% | Amount |
|--------|--|----|-----------|----|--------|-------|--------|----------|--------|
| 1 | Providing and fixing 40x40x6mm Angle for frame | | | | | | | | |
| | Long side | 2 | 10 | - | - | 20 | | | |
| | Short side | 2 | 6 | - | - | 12 | | | |
| | Support | 2 | 6 | - | - | 12 | | | |
| | For Main Hole | 7 | 2 | - | - | 14 | | | |
| | | | | | Total | 58 | | | |
| | | | | | or rmt | 17.68 | 3.5 | kg | 61.87 |
| 2 | Providing and fixing 12mm square bars for Jali @3" C/C spacing | | | | | | | | |
| | | 1 | 24 | 10 | - | 240 | | | |
| | | | | | or rmt | 73.15 | 1.13 | kg | 82.66 |
| | | | | | | | Total | | 144.54 |
| | Weight per sft i.e | | 144.54/60 | | | | kg/sft | | 2.41 |

Analysis for fencing along pond with M.S Chain link fencing by taking length 300mtr.
Centre to Centre distance of post 3mtr. at vill.Bhagwanpura

| Sr. No. | Item | No | L | B | H | Qty | Rate | Pre miu | Amount |
|---------|---|-----|--------------------|---|---------|---------|---------|---------|-----------|
| 1 | C/S for Conc. in Foundation as per ch.no.9.11 | | | | | | | | |
| | | | 101x2(1+1.125)1.25 | | | 536.56 | | | |
| | | | | | or Sqm | 49.85 | 117.27 | 35 | 7891.41 |
| 2 | P.C.C 1:2:4 ch.no.(10.12) | | | | | | | | |
| | | | 101x1x1.125x1.25 | | | 142.03 | | | |
| | | | | | or cum | 4.019 | 2723.85 | 26 | 13794.95 |
| 3 | Providing and fixing M.S pipe 40x40x4mm as per ch.no.18.38 | | | | | | | | |
| | Top | | 300 | | | 300 | | | |
| | Bottom | | 300 | | | 300 | | | |
| | Vertical | 101 | 1.3 | | | 131.3 | | | |
| | | | | | Total | 731.3 | | | |
| | . @3.85kg per Rmt | | | | Kg | 2815.51 | 78.06 | 23 | 270327.33 |
| | | | | | | | | | |
| 4 | M.S flat 40mmx5mm thick | | | | | | | | |
| | Top & Bottom | 2 | 300 | - | - | 600 | | | |
| | Vertical | 101 | 0.84 | - | - | 84.84 | | | |
| | | | | | Total | 684.84 | | | |
| | . @1.57kg per Rmt | | | | | 1075.2 | | | |
| | | | | | or Qtl. | 10.75 | 6894.9 | 23 | 91184.67 |
| 5 | Providing and fixing G.I Chain Link with Both ends kunckled of Mesh size 4"x4" | | | | | | | | |
| | | 1 | 300 | | 0.911 | 273.42 | 300 | Sqm | 82026 |
| 6 | Painting two coats with ready mixed paint including primary coat on new metallic surface as per ch.no.16.17 | | | | | | | | |
| | M.S Pipe (300+300+101x0.9144)x2(0.04+0.04) | - | - | - | - | 110.77 | | | |
| | M.S Flat (300+300+101x0.84)x2(0.04) | - | - | - | - | 54.78 | | | |
| | | | | | Total | 165.55 | 55.17 | 25 | 11416.74 |

| | | | | | | | | | |
|---|---|--|--|--|--|------|--------|----------------|------------------|
| 7 | Extra Carriage of C/S,C.Bazri & Stone agg from mirthal to site of work at vill.Bhagwanpura | | | | | 5.43 | 698.00 | | 3787.526793 |
| | | | | | | | | Total | 480428.64 |
| | Diff. of Quarry Rate | | | | | | | (-) | 36546.98 |
| | | | | | | | | N.Total | 443881.66 |
| | | | | | | | | Rmt | 1479.61 |

| <u>Consumption Statement</u> | | | | | | | |
|--|-------------|-------|--------------------------------|----------------|-----------------|------------|-------------|
| Sr No. | Item | Qty. | Cement | C.Sand | C.Bazri | Stone Agg. | G.S.B |
| 1 | P.C.C 1:2:4 | 4.02 | 26.13 | 1.81 | 3.62 | - | - |
| | | | 26.13 | 1.81 | 3.62 | - | - |
| | | | Bag | Cum | Cum | Cum | Nos. |
| Differrence of Quarry Rate of Materials. | | | | | | | |
| 1 | Cement | 26.13 | .@Rs.50/Bags | | 1306.32 | | |
| 2 | C.Sand | 1.81 | .@Rs.34.77/Cum | | 62.89 | | |
| 3 | C.Bazri | 3.62 | .@Rs.97.67/Cum | | 353.32 | | |
| 4 | Stru. Steel | 38.91 | .@Rs.895 | | 34824.45 | | |
| | | | | Total | 36546.98 | | |
| | | | | Say Rs. | 36546.98 | | |
| | | | | | | | |

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MALOUT

A.E

| Analysis for Conc. M-15 lining in pond By taking length at vill.Bhagwanpura | | | | | | | | | |
|---|---|----|-----------------|--------|-------|--------|---------|----------|----------|
| Sr. No. | Item | No | L | B | H | Qty | Rate | Premium% | Amount |
| 1 | Earth filling for lining by taking from outside | | | | | | | | |
| | | | 1x100x0.5x10x10 | | | 5000 | | | |
| | | | | or Cum | | 141.50 | | | |
| | Add extra filling for lip cutting | | | | | | | | |
| | | 1 | 100 | 14.14 | 0.5 | 707 | | | |
| | | | | or Cum | | 20.01 | | | |
| | 50% of 141.50 | | 70.75 | 20.01 | | 90.76 | 182 | AR | 16518.32 |
| | | | | | | | | | |
| 2 | Compaction of earth by rolling & watery complete as per ch.no.6.2 g (i)(ii) | | | | | | | | |
| | .@4.33+4.15 same as per item no.1 i.e 141.50+20.01 | | | | | 161.51 | 8.48 | 80 | 2465.29 |
| | Rolling (iii) | | | | | 161.51 | 36.5 | | 5895.115 |
| 3 | Earth work for lip cutting for lining as per ch.no.19.23 | | | | | | | | |
| (a) | | | | | | | | | |
| | Lip cutting | 1 | 100 | 14.14 | 0.5 | 707 | | | |
| | | | | or Cum | | 20.01 | 68.78 | 12 | 1541.296 |
| 4 | E/w in excavation for toe wall in bed for lining | | | | | | | | |
| | | 1 | 100 | 1 | 2.5 | 250 | | | |
| | | | | or Cum | | 7.08 | 66.28 | 80 | 844.076 |
| 5 | 40mm guage S.Agg. of C.C 1:6:12 as per ch.no.10.7 b(ii) | | | | | | | | |
| | Toe wall | 1 | 100 | 1 | 0.33 | 33.00 | | | |
| | Top parapet toe wall | 1 | 100 | 1.5 | 0.33 | 49.50 | | | |
| | | | | Total | | 82.50 | | | |
| | | | | or Cum | | 2.335 | 1557.12 | 28 | 4653.422 |
| 6 | E/W in excavation for drains & bed sleepers as per ch.no.19.10 | | | | | | | | |
| | Sleeper Cutting | 11 | 0.667 | 0.5 | 14.14 | 51.87 | | | |
| | | | | or Cum | | 1.468 | 485.97 | 26 | 898.89 |
| 7 | Cement conc. lining 150mm or less for side slope for vertical height upto 3.5m. | | | | | | | | |

| | | | | | | | | | |
|----|---|----|------|--------|-------|--------|----------------|----|------------------|
| | For toe wall | 1 | 100 | 0.75 | 2.16 | 162.00 | | | |
| | For side slop | 1 | 100 | 14.14 | 0.25 | 353.50 | | | |
| | Top | 1 | 100 | 0.75 | 0.25 | 18.75 | | | |
| | Bed sleeper | 11 | 0.66 | 0.5 | 14.14 | 51.33 | | | |
| | | | | Total | | 585.58 | | | |
| | | | | or Cum | | 16.57 | 2913.79 | 18 | 56978.576 |
| 8 | First Class B.B work laid in CM 1:5 in F&P as ch.no.11.5 | | | | | | | | |
| | Top parapet 1st step | 1 | 100 | 1.125 | 0.25 | 28.13 | | | |
| | 2nd step | 1 | 100 | 0.75 | 1.5 | 112.50 | | | |
| | | | | Total | | 140.63 | | | |
| | | | | or Cum | | 3.98 | 2485.48 | 54 | 15232.808 |
| 9 | 12.5mm thick Cement plaster with C.M 1:4 as per ch.no.15.9 | | | | | | | | |
| | Side of parapet | 2 | 100 | - | 1 | 200.00 | | | |
| | Top | 1 | 100 | 0.75 | - | 75.00 | | | |
| | | | | Total | | 275.00 | | | |
| | | | | or sqm | | 25.55 | 84.10 | 40 | 3007.9627 |
| 10 | Extra Carriage of R.sand | | | | | 5.08 | 364.00 | | |
| 11 | Extra Carriage of C/S, C.Bazri & Stone agg from mirthal to site of work | | | | | 25.84 | 698.00 | | 18035.705 |
| | | | | | | | Total | | 126071.45 |
| | Diff. of Quarry Rate | | | | | | (-) | | 8361.01 |
| | | | | | | | N.Total | | 117710.44 |
| | | | | | | | Say Rs. | | 1177.10 |
| | | | | | | | or Rmt | | 3860.90 |

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A.E

| Consumption Statement | | | | | | | | |
|---|--|---------|----------------|---------|---------|---------|------------|---------|
| Sr No. | Item | Qty. | Cement | R.Sand | C.Sand | C.Bazri | Stone Agg. | Bricks |
| 1 | C.C. 1:6:12 | 2.33 | 5.49 | - | 1.16 | - | 2.31 | - |
| 2 | P.C.C M-15 | 16.57 | 107.72 | - | 7.46 | 14.91 | - | - |
| 3 | B.w 1:5 | 3.98 | 5.77 | 0.99 | | - | - | 1910.25 |
| 4 | 12.5mm thick Cement plaster with C.M 1:4 | 25.55 | 3.07 | 4.09 | - | - | - | - |
| | | | 122.04 | 5.08 | 8.61 | 14.91 | 2.31 | 1910.25 |
| | | | Bag | Cum | Cum | Cum | Cum | Nos. |
| | | | | | | | | |
| Difference of Quarry Rate of Materials. | | | | | | | | |
| 1 | Cement | 122.04 | .@Rs.50/Bags | | 6102.00 | | | |
| 2 | C.Sand | 8.613 | .@Rs.34.77/Cum | | 299.48 | | | |
| 3 | C.Bazri | 14.915 | .@Rs.97.67/Cum | | 1456.72 | | | |
| 4 | S.Agg. | 2.311 | .@Rs.70.63/Cum | | 163.25 | | | |
| 5 | G.S.B | 1910.25 | .@Rs.177.76 | | 339.57 | | | |
| | | | | Total | 8361.01 | | | |
| | | | | Say Rs. | 8361.01 | | | |
| | | | | | | | | |

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MALOUT

A.E

Analysis for Extra Carriage of River Sand from fazilka Quarry to site of of
work at. Vill. **BHAGWANPURA** Block **MALOUT.**

Unit: Cum
Lead : 62Km

| | |
|-------------------------|---------------|
| Carriage | 0.00 |
| 6 Km to 10 Km @ 11.25/- | 56.25 |
| 11 Km to 20 Km @ 7.50/- | 75.00 |
| 21 Km to 40 Km @ 4.50/- | 90.00 |
| 41 Km to 60 Km @ 3.35/- | 67.00 |
| 61 Km to 62 Km @ 1.70/- | 3.40 |
| Total | 291.65 |

| | |
|------------------------------|---------------|
| Add 25% premium on Rs.288.25 | 72.056 |
| Add 20% premium on Rs.3.40 | 0.68 |
| G.Total | 364.39 |

Say Rs. 364.00

Certified that the lead is taken minimum & possible.

S.D.O(PR)
MALOUT

A.E/J.E

Analysis for Extra Carriage of C/Bazri from Mirthal Quarry to site of work
at. Vill. **BHAGWANPURA** Block **MALOUT**.

Unit: Cum
Lead : 272 Km

| | |
|---------------------------|---------------|
| Carriage | 0.00 |
| 6 Km to 10 Km @ 11.25/- | 56.25 |
| 11 Km to 20 Km @ 7.50/- | 75.00 |
| 21 Km to 40 Km @ 4.50/- | 90.00 |
| 41 Km to 60 Km @ 3.35/- | 67.00 |
| 61 Km to 150 Km @ 1.70/- | 153.00 |
| 151 Km to 272 Km @ 1.10/- | 134.20 |
| Total | 575.45 |

| | |
|---------------------------------|---------------|
| Add 25% premium on Rs. 228.25 = | 72.06 |
| Add 20% premium on Rs. 153.00 = | 30.60 |
| Add 15% premium on Rs.134.20 | 20.13 |
| G.Total | 698.24 |

Say Rs. 698.00

Certified that the lead is taken minimum & possible.

S.D.O(PR)
MALOUT

A.E/J.E

ANALYSIS OF RATE FOR SUPPLYING & FIXING CHAIN LINK FABRIC UNIT 10 SQM

| Sr. N | Item | No | L | B | H | Qty | Rate | Pre miu m% | Amount |
|-------|---|----|---|---|---|-------|--------|------------|----------|
| 1 | Supplying of Galvanized Steel Chain Link Fence fabric with both ends of | | | | | | | | |
| | Quantity | - | - | - | - | 10 | | | |
| | Add Wastage@5% | - | - | - | - | 0.5 | | | |
| | Total | - | - | - | - | 10.50 | | | |
| | AS DGS & D Rate Contract no GSCCI/ST 4/RC | | | | | | | | |
| | P2050000/0215/24/06659/726 Date 14-03-2014 | | | | | | | | |
| | Weight per sqm 2.205kg. Rate Rs. 66.49 per kg= per | | | | | 10.50 | 146.67 | | 1540.035 |
| | Add Vat/CST@13.75% | | | | | | | | 211.75 |
| | | | | | | | | Total | 1751.785 |
| | Add for CArriage @ Rs.10/ per sqm | | | | | 10 | 10 | | 100 |
| | Sundries such as nuts,bolts,washers etc. | | | | | 10 | 40 | | 400 |
| | | | | | | | | Total | 2251.785 |
| | Labour cost @Rs. 60/-per sqm | | | | | 10 | 60 | | 600 |
| | Add Contractor's profit & Overhead charges @ 21.5% on labour cost | | | | | | | | 129 |
| | | | | | | | | Total | 2980.785 |
| | Add Labour cess @1% on above | | | | | | | | 29.81 |
| | | | | | | | | Total | 3010.595 |
| | | | | | | | | Say Rs. | 300 |
| | | | | | | | | | Per sqm |

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A.E