

SCHEDULE OF QUANTITY

| NAME OF WORK:- Aug. of WSS Bharai Kawanoo Phase-II in Anni block Distt. Kullu H.P. (S.H:- C/O Tube Settler Sedimentation Tank) | | ESTIMATED COST | | 251188.00 | |
|---|--|-----------------------|-------------|-------------------------------|-----------------|
| | | EARNEST MONEY | | 5024.00 | |
| | | TIME LIMIT: | | 3 Months | |
| Sr. No | Description of items. | Qty | Unit | Rate | |
| | | | | In Fig. | In Words |
| 1 | 2 | 3 | 4 | 5 | 6 |
| 7 | Amount. | | | | |
| 1 | Excavation in foundations trenches etc. in all kind of soil in all leads and lifts such as pick work, jumper work in saturated /un saturated soil including bailing out water, blasting work in hard/soft rock or chiseling in hard/soft rock where blasting is prohibited in all leads and lifts stacking the excavated earth more than 3mtr.clear from the edge of excavation and then returning the stacked soil in 15cm.layers when required into plinth sides of foundation etc. consolidating each deposited layer by ramming and watering and disposing of all surplus excavated earth as directed within all leads and lifts and handing over the usable materials available from excavation to department free of cost as per direction of Engineer-in-Charge within all leads and lifts. | 17.46 | Cum | | |
| 2 | Providing and laying cement concrete 1:4:8(1cement:4sand:8graded stone aggregate of 40mm nominal size)and curing complete excluding cost of form work including all leads and lifts: a) Foundation and Plinth. | 2.20 | Cum. | | |
| 3 | Providing and laying reinforcement cement concrete 1:1 1/2:3(1cement:1 1/2 sand: 3graded stone aggregate of 20mm nominal size)and curing complete excluding cost of form work and reinforcement for reinforced concrete work including all leads and lifts: | | | | |
| | a) Foundation footings, bases of columns and the like and mass concrete. | 0.15 | Cum | | |
| | b) Walls (any thickness) but not less than 0.10 Mtrs. hick including attached pilasters buttresses plinth and string course from top of foundation upto floor two levels. | 11.09 | Cum | | |
| 4 | Providing & Laying mild /tor steel reinforcement for RCC. work including bending, binding and placing in position complete up to floor two level including all leads and lifts.: a) Tor steel | 786.80 | Kg. | | |
| 5 | Providing form work with steel plates 3.15mm thick welded with angle iron in frame 30x30x5mm so as to give a rough finish including centering shuttering strutting and propping etc. height of propping and centering below supporting floor to ceiling not exceeding 4mtrs.and removal of the same for in situ reinforced concrete and plain concrete work including all leads and lifts: | | | | |
| | a)Vertical surfaces such as walls (any thickness)portions and the like including attached pilaster buttresses plinth and string course and the like | 96.26 | Sqmt. | | |
| 6 | Providing and fixing of tube settler " Marvellous make"(Hexagonal Chevron Shape) cross pattern tube PVC made and thickness of tube should not be less than 0.15 mm complete in all respect as per the direction of Engineer in charge. | 9.00 | cum | | |
| 7 | Laying & Jointing of GMS tube for Scour pipe of following dia complete in all respect within all lead and lifts as per the direction of Engineer-in-Charge. 50mm dia. | 24.00 | Rmt | | |
| 8 | Fixing CI Sluice valve (with hand wheel) as per IS : 780-1984 class-I upto 300mm dia.(i/c brass spindle & as per 2906-1984class-II for dia.> 300 mm) in outlet, Scour and inlet pipe of G.I With M.S flange T-5 i/c welding and fix the sluice valve with flanged pipe complete with bolts nuts,rubber insertion etc.,complete in all respect within all lead and lifts as per the direction of Engineer-in-Charge. | | | | |
| i | Scour pipe 50mm. | 2.00 | Nos. | | |
| TERMS AND CONDITIONS | | | | | |
| 1 | The work shall be executed as per HPPWD/IPH specifications and to the entire satisfaction of the Engineer-in-charge. | | | | |
| 2 | The cement, steel & GI pipe shall be issued by the department , Cement @ Rs. 312/-per bag, steel @ Rs.4921/-per qtl.from IPH Store Anni. | | | | |
| 4 | Any loss of by way of theft or mishandling to the pipes issued by the Deptt. Shall be liability of the contractor and the recovery shall be effected from the contractor at pannel rates determined on the basis of | | | | |
| 5 | The contractor shall be fully responsible for watch and ward of the material at site of work. | | | | |
| 6 | The contractor shall be responsible for any accident caused during the construction of the work and the loss if any will be born by the contractor. | | | | |
| 7 | Nothing shall be paid for rejected material. | | | | |
| 8 | Income Tax and labour cess shall be deducted from the bill of the contractor as applicable. | | | | |
| 9 | Crushed stone aggregate shall be used in all concrete work. | | | | |
| | | | | Executive Engineer | |
| | | | | I&PH Division Anni | |

SCHEDULE OF QUANTITY

Name of work :- Providing WSS to L.O.H of C.V Shillkote (Jalot) in GP Deem in Nirmand block Distt Kullu (H.P) (S.H: Laying, jointing and testing of G.I pipe 25mm dia = 900 Rmt & 15mm dia = 580 Rmt. C/O storage tank 10,000 Ltr. capacity & C/O Intake tank.)

ESTIMATED COST 235798.00**EARNEST MONEY** 4716.00**TIME LIMIT:** 2 MONTHS.

| Sr. No | Description of items. | Quantity | Unit | Rate | | Amount |
|--------|--|----------|------|---------|----------|--------|
| | | | | In Fig. | In Words | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| 1 | Excavation in foundations trenches etc. in all kind of soil in all leads and lifts such as pick work, jumper work in saturated /un saturated soil including bailing out water, blasting work in hard/soft rock or chiseling in hard/soft rock where blasting is prohibited in all leads and lifts stacking the excavated earth more than 3mtr.clear from the edge of excavation and then returning the stacked soil in 15cm.layers when required into plinth sides of foundation etc. consolidating each deposited layer by ramming and watering and disposing of all surplus excavated earth as directed within all leads and lifts and handing over the usable materials available from excavation to department free of cost as per direction of Engineer-in-Charge within all leads and lifts. | 369.94 | Cum | | | |
| 2 | Providing and laying cement concrete 1:4:8(1cement: 4sand: 8 graded stone agg.40mm nominal size) and curing complete excluding cost of centering and shuttering complete in all respect within all lead and lifts as per the direction of Engineer-in-Charge. a) Foundation and plinth. | 0.41 | Cum | | | |
| 3 | Providing and laying cement concrete 1:3:6(1cement: 3sand: 6 graded stone agg.40mm nominal size) and curing complete excluding cost of centering and shuttering complete in all respect within all lead and lifts as per the direction of Engineer-in-Charge.. a) Foundation and plinth. | 0.62 | Cum | | | |
| 4 | Providing and laying cement concrete 1:1 ½ :3(1cement:1 ½ sand:3graded stone aggregate of 20mm nominal size)and curing complete excluding cost of form work and reinforcement for reinforced concrete work complete in all respect within all lead and lifts as per the direction of Engineer-in-Charge. | | | | | |
| 4.1 | Foundation footing , basis of columns and the like and mass concrete. | 1.33 | Cum | | | |
| 4.2 | Walls (any thickness) but not less that 0.10 Mtrs. thick including attached pilasters buttresses plinth and string course from top of foundation upto floor two levels. | 3.57 | Cum | | | |
| 5 | Providing and laying cement concrete work 1:2:4 (1 Cement:2 Sand:4 graded stone aggregate 20 mm nominal size) and curing complete excluding cost of form work and reinforcement for reinforced concrete work complete in all respect within all lead and lifts as per the direction of Engineer-in-Charge. | | | | | |
| 5.1 | Suspended floor, roof, landing, balconies, beam etc. | 0.82 | Cum | | | |
| 6 | Providing form work with steel plates 3.15mm thick welded with angle iron in frame 30x30x5mm so as to give a rough finish including centering shuttering strutting and propping etc. height of propping and centering below supporting floor to ceiling not exceeding 4mtrs.and removal of the same for in situ reinforced concrete and plain concrete work complete in all respect within all lead and lifts as per the direction of Engineer-in-Charge. | | | | | |
| 6.1 | Vertical surfaces such as walls (any thickness)portions and the like including attached pilaster buttresses plinth and string course and the like | 43.43 | Sqm. | | | |
| 6.2 | Flat surface such as soffits and suspended floors, roofs, landings and the like: Floors etc. up to 200mm in thickness within all leads and lifts | 6.60 | Sqm | | | |
| 7 | Providing & Laying mild /tor steel reinforcement for RCC. work including bending, binding and placing in position complete up to floor two level complete in all respect within all lead and lifts as per the direction of Engineer-in-Charge. | 381.05 | Kg | | | |
| 8 | Fixing of MS Fabricated Protection Panel 750 mm x750mm made with MS Angle 40 x40 x4 mm for frame, MS Angle 30x30 x3 mm for cover. MS Flat 25 x5mm for fixing of sliding door bolt and MS Sheet(12gauge) 2.50 mm thick for protection of manhole covers of storage tanks including the cost of cutting and welding of MS angle & in RCC slab, by drilling holes in MS angle & in RCC slab, provision for providing and fixing sliding door bolt 300 x16mm MS Handle 100 mm, Lock and applying a coat of red lead paint & painting two coat with steel paint (Firoza Blue) complete in all respect within all lead and lifts as per the direction of Engineer-in-Charge. | 2.00 | No | | | |

SCHEDULE OF QUANTITY

Name of work : A/R & M/O LWSS to NC/PC habitation of GP Shilli Gamog, Lot Durah, Nither, Dehra Palehi in Anni & Nirmand in Distt Kullu (HP) (SH: C/o Porch Pillers & C/o RCC Steps right side of filter bed & C/o Breast wall at left side of sedimentation Tank at Stage Dhamota).

ESTIMATED COST 224569.00**EARNEST MONEY** 4491.38**TIME LIMIT:** 3 MONTHS

| Sr. No | Description of items. | Quantity | Unit | Rate | | Amount. |
|--------|---|----------|------|---------|----------|---------|
| | | | | In Fig. | In Words | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| 1 | Demolition above G.L. upto floor two level i/c disposal of unserviceable materials with in 20 metres lead and i/c cutting the necessary reinforcement and separating out from RCC works in all leads and lifts. | 8.01 | Cum | | | |
| 2 | Cutting in all kinds of soil such as kankar, moorum, shingle boulders decomposed of soft rock or any such mixed in other variety of soil or rocks, blasting work in hard/soft rock or chiseling in hard/soft rock where blasting is prohibited including filling in embankments where necessary including ramming and watering etc. stacking of serviceable materials at the place specified by the Engineer-in-Charge including all leads and lifts. | 1.20 | Cum | | | |
| 3 | Excavation in earth work and disposal of all excavated earth upto a lead of 20 metres and lift upto 1.50 metres, disposed earth to be levelled and neatly dressed: complete with in all lead & lifts and to the entire satisfaction of the Engineer-in-Charge. | 8.249 | Cum | | | |
| 4 | Providing and laying cement concrete 1:6:12(1cement: 6 sand: 12 graded stone agg.40mm nominal size) and curing complete excluding cost of centering and shuttering including all leads and lifts. a) Foundation and plinth | 2.30 | Cum | | | |
| 5 | Providing and laying cement concrete 1:4:8 (1 cement:4sand:8 graded crushed stone aggregate 40mm nominal size) and curing complete excluding cost of form work in foundation and plinth in all leads and lifts and to the entire satisfaction of Engineer-in- charge. | 0.576 | Cum | | | |
| 6 | Providing form work with steel plate 3.15mm thick welded with angle iron in frame 30x30x5mm so as to give a fair finish including centring shuttering strutting & propping etc. with wooden battens and ballies height of propping & centring below supporting floor to ceiling not exceeding 4mts. and removal of the same for insitu-reinforced concrete and plain concrete work in including all leads and lifts and as per entire satisfaction of Engineer - in - charge. | | | | | |
| 6 | i) Vertical surfaces such as walls (any thickness), partitions & the like including attached plasters, buttresses, plinth and string courses and the like including all leads and lifts and as per entire satisfaction of Engineer - in - charge. | 19.92 | Sqm | | | |
| 7 | Brick work using common burnt clay building bricks in super structure above plinth level upto floor two level with C.M 1:6 (1 cement :6 Sand) complete with in all lead & lifts and to the entire satisfaction of the Engineer-in-Charge. | 0.74 | Cum | | | |
| 8 | Providing and laying cement concrete 1:5:10(1cement:5sand:10 graded stone aggregate of 40mm nominal size) with 15% plum and curing complete excluding cost of form work in retaining walls/breast walls, the size of plums shall usually be 150mm to 300mm as per H.P.P.W.D specification including complete with in all lead & lifts and to the entire satisfaction of the Engineer-in-Charge. | 11.47 | Cum | | | |
| 9 | 15 mm thick cement plaster on fair sides of brick/stone masonry concrete walls for interior plastering upto floor two level including arises internal rounded angles not exceeding 80mm girth in cement mortar 1:6 (1cement:6sand) complete with in all lead & lifts and to the entire satisfaction of the Engineer-in-Charge. | 8.40 | Sqm | | | |
| 10 | Stone soling properly hand packed filling interstices with spalls and consolidating with power road roller to the required gradient and camber including spreading watering and rolling of binding materials moorum or earth etc. 100mm spread thickness (finished work including materials and labour) within all leads and lifts and as per directed by the Engineer-in-charge. | 6.03 | Cum | | | |
| 11 | Providing & Laying Cement concrete flooring 1:2:4(1cement:2sand:4graded stone agg.20mm nominal size) laid in one layer finished with a floating coat of neat cement including all leads and lifts. a) 40mm thick. | 20.10 | Sqm | | | |
| 12 | Random rubble masonry/Polygonal rubble masonry (coursed or brought to courses with hard stones of approved quality in foundation and plinth including levelling up with cement concrete 1:6:12 in cement mortar 1:6 (1 cement : 6 sand)as per direction & satisfaction of the Engineer-in- charge upto all lead & lifts. | 4.09 | Cum | | | |

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|----|---|-------|-----|--|---------------------------------|--|
| 13 | Providing & laying 40mm thick cement concrete flooring 1:2:4 (1cement:2 sand: 4crushed graded stone aggregate 20 mm nominal size) laid in one layerer finished with a floating coat of neat cement and curing complete as per direction & to the entire satisfaction of Engineer-in- Charge upto all lead & lifts. | 0.54 | Cum | | | |
| 14 | Providing and laying Duro Sotne Vetrified tiles (300x300mmx10mm in grey/ coloured or of approved shade in flooring, treads of steps and landing laid on a bed of 12mm thick cement mortar 1:3(1 cement: 3 Sand) laid over and jointed with neat cement slurry finished with flush pointing in white cement mixed with pigment of required shade to match the shade of tiles complete. Pump House. | 43.49 | Sqm | | | |
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| | TERMS AND CONDITIONS | | | | | |
| 1 | Work will be carried out as per HP.PWD/IPH Specifications | | | | | |
| 2 | The contractor shall be responsible himself for watch and ward of material at site of work issued to him by the department | | | | | |
| 3 | Final payment shall be released after successful testing and entire satisfaction of the Engineer-in-Charge | | | | | |
| 4 | The cement/Tor Steel shall be issued by the department to the contractor @ 312/- per bag & tor steel 4921/ Qtl from Divisional Store, Anni on proper Indent. | | | | | |
| 5 | The material such as stone, stone aggregate, sand etc. shall be got approved before supply to site of work by the contractor from the Engineer-in-Charge | | | | | |
| 6 | 1% Income tax, GST as applicable, 1% Labour Cess & 10% security will be deducted from each bill of the contractor | | | | | |
| 7 | GI Pipe shall be issued by the Department free of cost from Sub-Division Store Anni against on proper indent. | | | | | |
| | | | | | Executive Engineer, | |
| | | | | | I&P.H. Division Anni | |

SCHEDULE OF QUANTITY

| Name of work :- A/R & M/O WSS Rista Mishra in Anni Block Distt Kullu HP(SH: C/o Intake Chamber = 5 Nos.) | | | | | | ESTIMATED COST | 118847 |
|---|--|----------|------|---------|----------|---------------------------------|----------|
| | | | | | | EARNEST MONEY | 2377 |
| | | | | | | TIME LIMIT: | 3 MONTHS |
| Sr. No | Description of items. | Quantity | Unit | Rate | | Amount. | |
| | | | | In Fig. | In Words | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | |
| 1 | Excavation in earth work and disposal of all excavated earth upto a lead of 20 metres and lift upto 1.50 metres, disposed earth to be levelled and neatly dressed: complete with in all lead & lifts and to the entire satisfaction of the Engineer-in-Charge. | 3.40 | Cum | | | | |
| 2 | Providing and laying cement concrete 1:4:8 (1cement: 4sand: 8 graded stone agg.40mm nominal size) and curing complete excluding cost of centering and shuttering including all leads and lifts. a) Foundation and plinth | 1.15 | Cum | | | | |
| 3 | Providing and laying cement concrete 1:1 ½ :3(1cement:1 ½ sand:3graded stone aggregate of 20mm nominal size)and curing complete excluding cost of form work and reinforcement for reinforced concrete work including all leads and lifts: | | | | | | |
| 3.01 | a) Foundation,footing basis of columns & the likeand mass concrete. | 1.15 | Cum | | | | |
| 3.02 | b) Walls (any thickness) but not less that 0.10 Mtrs. hick including attached pilasters buttresses plinth and string course from top of foundation upto floor two levels. | 3.45 | Cum | | | | |
| 4 | Providing and laying cement concrete 1:2:4(1cement:2sand:4graded stone agg.20mm nominal size) and curing complete excluding cost of form work and reinforcement for reinforced concrete work a) Suspended floors, roofs, landings, shelves and their supports balconies, beams girders bressumers and cantilevers upto floor two levels in all respect as per direction & to the entire satisfaction of Engineer-in- Charge upto all lead & lifts. | | | | | | |
| 4.1 | Suspended floors, roofs, landings, shelves and their supports balconies, beams girders bressumers and cantilevers upto floor two levels | 0.65 | Cum | | | | |
| 5 | Providing & Laying mild /tor steel reinforcement for RCC. work including bending, binding and placing in position complete up to floor two level including all leads and lifts.: a) Tor steel. | 314.40 | Kg. | | | | |
| 6 | Providing form work with steel plates 3.15mm thick welded with angle iron in frame 30x30x5mm so as to give a rough finish including centering shuttering strutting and propping etc. height of propping and centering below supporting floor to ceiling not exceeding 4mtrs.and removal of the same for in situ reinforced concrete and plain concrete work including all leads and lifts: | | | | | | |
| 6.1 | a)Vertical surfaces such as walls (any thickness)portions and the like including attached pilaster buttresses plinth and string course and the like | 23.00 | Sqm | | | | |
| 6.2 | Flat surface such as soffits and suspended floors, roofs, landings and the like: Floors etc. up to 200mm in thickness within all leads and lifts | 8.45 | Sqm. | | | | |
| 7 | Providing & fixing Precast (SFRC) manhole cover 500 mm dia Medium Duty) with frame and as per direction & satisfaction of the Engineer in charge upto all lead & lifts.. | 5.00 | Each | | | | |
| TERMS AND CONDITIONS | | | | | | | |
| 1 | Work will be carried out as per HP.PWD/IPH Specifications | | | | | | |
| 2 | The contractor shall be responsible himself for watch and ward of material at site of work issued to him by the department | | | | | | |
| 3 | Final payment shall be released after successful testing and entire satisfaction of the Engineer-in-Charge | | | | | | |
| 4 | The cement/Tor Steel shall be issued by the department to the contractor @ 312/- per bag & tor steel 4921/ Qtl from Divisional Store, Anni on proper Indent. | | | | | | |
| 5 | The material such as stone, stone aggregate, sand etc. shall be got approved before supply to site of work by the contractor from the Engineer-in-Charge | | | | | | |
| 6 | 1% Income tax, GST as applicable, 1% Labour Cess & 10% security will be deducted from each bill of the contractor | | | | | | |
| | | | | | | Executive Engineer, | |
| | | | | | | I&P.H. Division Anni | |

SCHEDULE OF QUANTITY

| Name of work : AR & MO WSS Shodha Nallah Kungash in Anni Block Distt Kullu HP(SH: Removal Replacement of filter media and jacketing of Filter Bed.) | | | | | | | ESTIMATED COST | 248812.00 |
|---|---|----------|------|---------|---------------------------------|---------|----------------|-----------|
| | | | | | | | EARNEST MONEY | 4976.00 |
| | | | | | | | TIME LIMIT: | 3 MONTHS |
| Sr. No | Description of items. | Quantity | Unit | Rate | | Amount. | | |
| | | | | In Fig. | In Words | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | | |
| | Removal of filter media | | | | | | | |
| 1 | Providing and placing in horizontal layers filtering media duly graded, screened, cleaned and washed as specified : | | | | | | | |
| (a) | Top layer, Fine sand(Eff. Size 0.20mm to 0.40 and uniformity co-efficient 2.00 to 3.00). | 12.02 | Cu.m | | | | | |
| (b) | Second layer, Coarse sand, 3mm - 6mm | 4.81 | Cu.m | | | | | |
| (c) | Third layer : Bajri 6mm to 20 mm. | 2.40 | Cu.m | | | | | |
| (d) | Fourth layer : Bajri 20mm to 25 mm | 4.81 | Cu.m | | | | | |
| (e) | Bottom layer : Broken stone 50mm to 75 mm. | 7.21 | Cu.m | | | | | |
| 2.00 | Replacement of filter media and placing in horizontal layer filtering media duly graded, screened, washed and cleaned as specified below by the Engineer-in-Charge within all leads and lifts:- | | | | | | | |
| 2.01 | a) Top layer : Fine sand (Eff.size 0.20mm to 0.40 mm & uniformity coefficient 2.00 to 3.00) | 7.21 | Cum | | | | | |
| 2.02 | Second layer, Coarse sand, 3mm - 6mm | 4.81 | Cum | | | | | |
| 2.03 | Third layer : Bajri 6mm to 20 mm. | 2.40 | Cum | | | | | |
| 2.04 | Fourth layer : Bajri 20mm to 25 mm | 4.81 | Cum | | | | | |
| 2.05 | Bottom layer : Broken stone 50mm to 75 mm. | 7.21 | Cum | | | | | |
| 3 | Providing and placing in horizontal layer filtering media duly graded, screened, washed and cleaned as specified below by the Engineer-in-Charge within all leads and lifts:- | | | | | | | |
| 3.01 | a) Top layer : Fine sand (Eff.size 0.20mm to 0.40 mm & uniformity coefficient 2.00 to 3.00) | 28.84 | Cum | | | | | |
| | Jeckting of Filter Media | | | | | | | |
| 4 | cement conc 1: 1½ :3 (1cement:1:1½ sand :3 graded stone agg. 20mm nominal size) and curing com-plete excluding cosot of form work and reinforcement for RCC work in foundation and plinth with in all leads and lifts as per direction and to the entire satisfaction of the Engineer-in-charge in:- in foundation plinth | | | | | | | |
| 4.01 | Foudation and plinth | 2.72 | Cum | | | | | |
| 4.02 | Walls (any thickness but not less than 0.1 m thickness) attached pillasters, buttresses, plinth and strining courses etc.from top of foundation level upto floor two level | 7.23 | Cum | | | | | |
| 5 | Providing form work with steel plate 3.15 m.m thick welded with angle iron 30x30x5 m.m so as to give a fair finish including centering ,shuttering, propping etc. height of propping and centering below supporting floor to ceiling upto all heights and removal of the same for in-situ reinforced conc.and plain conc.work in :- | | | | | | | |
| 5.01 | Vertical Walls (any thickness but not less than 0.1 m thickness) attached pillasters, buttresses, plinth and strining courses etc.from top of foundation level upto floor two level as per direction & to the entire satisfaction of Engineer-in- Charge upto all lead & lifts. | 144.54 | Sqm. | | | | | |
| 6 | Providing tor steel reinforcement for RCC work including bending, binding and placing in position i /c binding wire complete up to floor two level complete in all respect as per direction & to the entire satisfaction of Engineer-in- Charge upto all lead & lifts. | 298.35 | Kg | | | | | |
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| | TERMS AND CONDITIONS | | | | | | | |
| 1 | Work will be carried out as per HP.PWD/IPH Specifications | | | | | | | |
| 2 | The contractor shall be responsible himself for watch and ward of material at site of work issued to him by the department | | | | | | | |
| 3 | Final payment shall be released after successful testing and entire satisfaction of the Engineer-in-Charge | | | | | | | |
| 4 | The cement/Tor Steel shall be issued by the department to the contractor @ 312/- per bag & tor steel 4921/ Qtl from Divisional Store, Anni on proper Indent. | | | | | | | |
| 5 | The material such as stone, stone aggregate, sand etc. shall be got approved before supply to site of work by the contractor from the Engineer-in-Charge | | | | | | | |
| 6 | 1% Income tax, GST as applicable, 1% Labour Cess & 10% security will be deducted from each bill of the contractor | | | | | | | |
| 7 | GI Pipe shall be issued by the Department free of cost from Sub-Division Store Anni against on proper indent. | | | | | | | |
| | | | | | Executive Engineer, | | | |
| | | | | | I&P.H. Division Anni | | | |

SCHEDULE OF QUANTITY

| NAME OF WORK:-WSS Samoh Jagerh Goura Gawal in GP Lot Shilli and Ghatoo in Nirmand block Distt. Kullu (H.P)(SH: Providing, laying, jointing and testing of G.I pipe 40mm dia = 400 Rmt, 25mm dia = 600Rmt & 20mm dia = 1600Rmt.) | | | | ESTIMATED COST | | 205432.00 |
|--|--|------------|-------------|-----------------------|-------------------------------|------------------|
| | | | | EARNEST MONEY | | 4109.00 |
| | | | | TIME LIMIT: | | 3 Months |
| Sr. No | Description of items. | Qty | Unit | Rate | In Words | Amount. |
| 1 | 2 | 3 | 4 | In Fig. | 6 | 7 |
| 1.00 | Excavation in foundations trenches etc. in all kind of soil in all leads and lifts such as pick work, jumper work in saturated /un saturated soil including bailing out water, blasting work in hard/soft rock or chiseling in hard/soft rock where blasting is prohibited in all leads and lifts stacking the excavated earth more than 3mtr.clear from the edge of excavation and then returning the stacked soil in 15cm.layers when required into plinth sides of foundation etc. consolidating each deposited layer by ramming and watering and disposing of all surplus excavated earth as directed within all leads and lifts and handing over the usable materials available from excavation to department free of cost as per direction of Engineer-in-Charge within all leads and lifts. | 614.30 | Cum | | | |
| 2.00 | Laying, jointing and testing in trenches galvanized mild steel screwed and socketed/flanged pipes of following diameter and class, tube fittings in trenches i/c carriage of pipes from Sub-Divisional Store to site of work,(Earth work in trenches to be measured and paid for separately) complete in all respect and to the entire satisfaction of the Engineer-in-charge: | | | | | |
| 2.01 | 40mm dia | 400 | Rmt | | | |
| 2.02 | 25mm dia | 600 | Rmt | | | |
| 2.03 | 20mm dia | 1600 | Rmt | | | |
| 3.00 | Providing and fixing brass full way valve of superior quality of the following dia:- | | | | | |
| 3.01 | 40mm dia | 1 | Rmt | | | |
| 3.02 | 25mm dia | 2 | Rmt | | | |
| 3.03 | 20mm dia | 2 | Rmt | | | |
| <u>TERMS AND CONDITIONS</u> | | | | | | |
| 1 | The work shall be executed as per HPPWD/IPH specifications and to the entire satisfaction of the Engineer-in-charge. | | | | | |
| 2 | The GI pipe shall be issued by the department free of cost from IPH Store Anni. | | | | | |
| 3 | GI fitting shall be provided by the contractor at their own cost. | | | | | |
| 4 | Any loss of by way of theft or mishandling to the pipes issued by the Deptt. Shall be liability of the contractor and the recovery shall be effected from the contractor at pannel rates determined | | | | | |
| 5 | The contractor shall be fully responsible for watch and ward of the material at site of work. | | | | | |
| 6 | The contractor shall be responsible for any accident caused during the construction of the work and the loss if any will be born by the contractor. | | | | | |
| 7 | All taxes like income Tax, GST and labour cess shall be deducted from the bill of the contractor as applicable. | | | | | |
| 8 | No deviation will be allowed with out prior approval of competent authority. | | | | | |
| | | | | | <i>Executive Engineer</i> | |
| | | | | | <i>I&PH Division Anni</i> | |

SCHEDULE OF QUANTITY

| NAME OF WORK:- Restoration of rain damages to WSS Bouri to Bouri Beel in GP Palehi in Anni block Distt.Kullu (H.P) (S.H: C/O Intake chamber, Barbed wire fencing around storage tank & Providing, laying, jointing and testing of G.I pipe 25mm dia = 1520Rmt.) | | ESTIMATED COST | | 153084.00 | | |
|--|--|-----------------------|-------------|------------------|-----------------|--|
| | | EARNEST MONEY | | 3062.00 | | |
| | | TIME LIMIT: | | 3 Months | | |
| Sr. No | Description of items. | Qty | Unit | Rate | | |
| 1 | 2 | 3 | 4 | In Fig. | In Words | |
| | | | | 5 | 6 | |
| | | | | | Amount. | |
| | | | | | 7 | |
| 1 | Excavation in foundations trenches etc. in all kind of soil in all leads and lifts such as pick work, jumper work in saturated /un saturated soil including bailing out water, blasting work in hard/soft rock or chiseling in hard/soft rock where blasting is prohibited in all leads and lifts stacking the excavated earth more than 3mtr.clear from the edge of excavation and then returning the stacked soil in 15cm.layers when required into plinth sides of foundation etc. consolidating each deposited layer by ramming and watering and disposing of all surplus excavated earth as directed within all leads and lifts and handing over the usable materials available from excavation to department free of cost as per direction of Engineer-in-Charge within all leads and lifts. | 345.37 | Cum | | | |
| 2.0 | Laying, jointing and testing in trenches galvanized mild steel screwed and socketed/flanged pipes of following diameter and class, tube fittings in trenches i/c carriage of pipes from Sub-Divisional Store to site of work,(Earth work in trenches to be measured and paid for separately) complete in all respect and to the entire satisfaction of the Engineer-in-charge: | | | | | |
| 2.1 | 25mm dia | 1520 | Rmt | | | |
| 3 | Providing and laying cement concrete 1:4:8 (1cement: 4sand: 8 graded stone agg.40mm nominal size) and curing complete excluding cost of centering and shuttering including all leads and lifts. a) Foundation and plinth | 0.32 | Cum | | | |
| 4 | Providing and laying cement concrete 1:1 ½ :3(1cement:1 ½ sand:3graded stone aggregate of 20mm nominal size)and curing complete excluding cost of form work and reinforcement for reinforced concrete work including all leads and lifts: | | | | | |
| 4.1 | a) Foundation,footing basis of columns & the likeand mass concrete. | 0.25 | Cum | | | |
| 4.2 | b) Walls (any thickness) but not less that 0.10 Mtrs. hick including attached pilasters buttresses plinth and string course from top of foundation upto floor two levels. | 0.69 | Cum | | | |
| 4.3 | c) Suspended floors, roofs, landings, shelves and their supports balconies, beams girders bressumers and cantilevers upto floor two levels | 0.17 | Cum | | | |
| 5.0 | Providing form work with steel plates 3.15mm thick welded with angle iron in frame 30x30x5mm so as to give a rough finish including centering shuttering strutting and propping etc. height of propping and centering below supporting floor to ceiling not exceeding 4mtrs.and removal of the same for in situ reinforced concrete and plain concrete work including all leads and lifts: | | | | | |
| 5.1 | a)Vertical surfaces such as walls (any thickness)portions and the like including attached pilaster buttresses plinth and string course and the like | 9.20 | Sqm | | | |
| 5.2 | Flat surface such as soffits and suspended floors, roofs, landings and the like: Floors etc. up to 200mm in thickness within all leads and lifts | 1.00 | Sqm. | | | |
| 6 | Placing &Laying mild /tor steel reinforcement for RCC. work including bending, binding and placing in position complete up to floor two level including all leads and lifts.: a) Tor steel (Labour Rate). | 61.05 | Kg. | | | |
| 7 | Fixing of MS Fabricated Protection Panel 750 mm x750mm made with MS Angle 40 x40 x4 mm for frame, MS Angle 30x30 x3 mm for cover. MS Flat 25 x5mm for fixing of sliding door bolt and MS Sheet(12gauge) 2.50 mm thick for protection of manhole covers of storage tanks including the cost of cutting and welding of MS angle & in RCC slab, by drilling holes in MS angle & in RCC slab, provision for providing and fixing sliding door bolt 300 x16mm MS Handle 100 mm, Lock and applying a coat of red lead paint & painting two coat with steel paint (Firoza Blue) complete in all respect within all lead and lifts as per the direction of Engineer-in-Charge. | 1.00 | Each | | | |
| 8 | Providing and laying cement concrete 1:3:6(1cement:4sand:8graded stone aggregate of 40mm nominal size)and curing complete excluding cost of form work including all leads and lifts: a) Foundation and Plinth. | 0.85 | Cum | | | |
| 9 | Providing and Fixing of 1.80 Mtrs. long RCC fencing post with 6 mm bars ribs as per approved design including all leads and lifts. | 7 | Nos | | | |
| 10 | Providing and Fixing of 1.80 Mtrs. high fencing with 2.50Mtrs. RCC fencing posts 2.5Mtrs.centre to centre with nine horizontal line and two diagonals of galvanized steel barbed wire (IS: 278-1962 Type-I) weighting 9.38 Kg./ per 100Mtrs.strained fixed to posts with G.I. staples,c all leads and lifts. | 17.5 | Rmt | | | |

| TERMS AND CONDITIONS | | | | |
|-----------------------------|---|--|--|-------------------------------|
| 1 | The work shall be executed as per HPPWD/IPH specifications and to the entire satisfaction of the Engineer-in-charge. | | | |
| 2 | The cement, steel & GI pipe shall be issued by the department , Cement @ Rs. 312/-per bag, steel @ Rs.4921/-per qtl. and GI pipe free of cost from IPH Store Anni. | | | |
| 3 | GI fitting shall be provided by the contractor at their own cost. | | | |
| 4 | Any loss of by way of theft or mishandling to the pipes issued by the Deptt. Shall be liability of the contractor and the recovery shall be effected from the contractor at pannel rates determined | | | |
| 5 | The contractor shall be fully responsible for watch and ward of the material at site of work. | | | |
| 6 | The contractor shall be responsible for any accident caused during the construction of the work and the loss if any will be born by the contractor. | | | |
| 7 | All taxes like income Tax, GST and labour cess shall be deducted from the bill of the contractor as applicable. | | | |
| 8 | No deviation will be allowed with out prior approval of competent authority. | | | |
| | | | | <i>Executive Engineer</i> |
| | | | | <i>I&PH Division Anni</i> |

SCHEDULE OF QUANTITY

| Name of work : Tapping additional source to WSS Seridhar Tandri Lahral in Nirmand block Distt Kullu HP(C/o Intake Chamber & Providing, Laying, Jointing and testing of G.I. Pipe 40mm dia from RD 0/0 to 3000 = 3000 Rmt). | | | | | ESTIMATED COST | 363234 |
|--|--|----------|------|---------|---------------------------------|-----------------|
| | | | | | EARNEST MONEY | 7265.00 |
| | | | | | TIME LIMIT: | 3 MONTHS |
| Sr. No | Description of items. | Quantity | Unit | Rate | | Amount. |
| | | | | In Fig. | In Words | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| 1 | Excavation in foundations trenches etc. in all kind of soil in all leads and lifts such as pick work, jumper work in saturated /un saturated soil including bailing out water, blasting work in hard/soft rock or chiseling in hard/soft rock where blasting is prohibited in all leads and lifts stacking the excavated earth more than 3mtr.clear from the edge of excavation and then returning the stacked soil in 15cm.layers when required into plinth sides of foundation etc. consolidating each deposited layer by ramming and watering and disposing of all surplus excavated earth as directed within all leads and lifts and handing over the usable materials available from excavation to department free of cost as per direction of Engineer-in-Charge within all leads and lifts. | 928.13 | Cum | | | |
| 2 | Providing and laying cement concrete 1:4:8 (1cement: 4sand: 8 graded stone agg.40mm nominal size) and curing complete excluding cost of centering and shuttering including all leads and lifts. a) Foundation and plinth | 0.21 | Cum | | | |
| 3 | Providing and laying cement concrete 1:1 ½ :3(1cement:1 ½ sand:3graded stone aggregate of 20mm nominal size)and curing complete excluding cost of form work and reinforcement for reinforced concrete work including all leads and lifts: | | | | | |
| 3.01 | a) Foundation,footing basis of columns & the likeand mass concrete. | 0.17 | Cum | | | |
| 3.02 | b) Walls (any thickness) but not less that 0.10 Mtrs. hick including attached pilasters buttresses plinth and string course from top of foundation upto floor two levels. | 0.69 | Cum | | | |
| 3.03 | Suspended floors, roofs, landings, shelves and their supports balconies, beams girders bressumers and cantilevers upto floor two levels | 0.17 | Cum | | | |
| 5 | Providing & Laying mild /tor steel reinforcement for RCC. work including bending, binding and placing in position complete up to floor two level including all leads and lifts.: a) Tor steel. | 57.00 | Kg. | | | |
| 6 | Providing form work with steel plates 3.15mm thick welded with angle iron in frame 30x30x5mm so as to give a rough finish including centering shuttering strutting and propping etc. height of propping and centering below supporting floor to ceiling not exceeding 4mtrs.and removal of the same for in situ reinforced concrete and plain concrete work including all leads and lifts: | | | | | |
| 6.1 | a)Vertical surfaces such as walls (any thickness)portions and the like including attached pilaster buttresses plinth and string course and the like | 9.20 | Sqm | | | |
| 6.2 | Flat surface such as soffits and suspended floors, roofs, landings and the like: Floors etc. up to 200mm in thickness within all leads and lifts | 1.00 | Sqm. | | | |
| 7 | Providing & fixing Precast (SFRC) manhole cover 500 mm dia Medium Duty) with frame and as per direction & satisfaction of the Engineer in charge upto all lead & lifts.. | 1.00 | Each | | | |
| 8 | Laying, jointing and testing in trenches galvanized mild steel screwed and socketed/flanged pipes of following diameter and class, tube fittings in trenches i/c carriage of pipes from Sub-Divisional Store to site of work.(Earth work in trenches to be measured and paid for separately) complete in all respect and to the entire satisfaction of the Engineer-in-charge: | | | | | |
| 8.1 | i) 40mm diameter (LC) | 3000 | Rmt | | | |
| TERMS AND CONDITIONS | | | | | | |
| 1 | Work will be carried out as per HP.PWD/IPH Specifications | | | | | |
| 2 | The contractor shall be responsible himself for watch and ward of material at site of work issued to him by the department | | | | | |
| 3 | The cement/Tor Steel shall be issued by the department to the contractor @ 312/- per bag & tor steel 4921/ Qtl from Divisional Store, Anni on proper Indent. | | | | | |
| 4 | 1% Income tax, 1% Labour Cess & 10% security and GSt applicable will be deducted from each bill of the contractor | | | | | |
| 5 | G.I. pipes shall be issued by the department free of cost at I&PH Divisional store Anni against proper indent. | | | | | |
| 6 | All GI Fitting as per ISI specification will be procured /arranged by the cont. at his own cost. | | | | | |
| | | | | | Executive Engineer, | |
| | | | | | I&P.H. Division Anni | |

SCHEDULE OF QUANTITY

| NAME OF WORK:- Tapping additional source to WSS Seridhar Tandri Lahral in Nirmand Block Distt Kullu (H.P) (SH: Laying, jointing and testing of G.I pipe 40mm dia from RD 3000 to 4500 =1500 Rmt.) | | | | ESTIMATED COST | | 168995.00 | |
|--|--|------------|-------------|-----------------------|---------------------------------|------------------|--|
| | | | | EARNEST MONEY | | 3380.00 | |
| | | | | TIME LIMIT: | | 3 Months | |
| Sr. No | Description of items. | Qty | Unit | Rate | | | |
| | | | | Figur | In Words | Amount. | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | |
| 1 | Excavation in foundation,trenches(for pipes & pits) up to all depths in all classification of earth work such as pick work,jumper work,saturated soil including bailing out water, blasting soft/hard rock or chiseling soft/hard rock where blasting is prohibited in all lifts including trimming & dressing of sides, levelling of beds to correct grade i/c shoring/strutting, planking, timbering & dewatering wherever required, stacking the excavated soil clear from the edge of excavation returning the excavated soil after laying jointing testing of pipes in trenches in 15 Cm layers including consolidating of each deposited layer by ramming & watering & then disposing of all surplus Excavated soil/unusable material as directed with in all leads & lifts including restoration of unmetalled surfaces to its original condition & including cost of diversion for traffic,night signals, fixing caution boards, crossing over trenches for access to houses, fencing etc. complete in all respects with in all leads & lifts as per the entire satisfaction & directions of engineer in charge. | 464.06 | Cum | | | | |
| 2 | Laying, jointing & testing of G.I pipe (LC) of following diameter including all kind of fitting required at site of work such as G.I union, Elbwo,Tee, short pieces& nipple etc. complete in all respects within all leads and lifts as per direction of the Engineer-in-Charge | | | | | | |
| 2.1 | 40 mm dai (LC) | 1500 | Mts | | | | |
| TERMS AND CONDITIONS | | | | | | | |
| 1 | Work will be carried out as per HP.PWD/IPH Specifications | | | | | | |
| 2 | The contractor shall be responsible himself for watch and ward of material at site of work issued to him by the department | | | | | | |
| 3 | 1% Income tax, 1% Labour Cess & 10% security and GSt applicable will be deducted from each bill of the contractor | | | | | | |
| 4 | G.I. pipes shall be issued by the department free of cost at I&PH Divisional store Anni against proper indent. | | | | | | |
| 5 | All GI Fitting as per ISI specification will be procured /arranged by the cont. at his own cost. | | | | | | |
| | | | | | | | |
| | | | | | Executive Engineer, | | |
| | | | | | I&P.H. Division Anni | | |

SCHEDULE OF QUANTITY

NAME OF WORK:- Tapping additional source to WSS Seridhar Tandri Lahral in Nirmand Block Distt Kullu (H.P) (SH: Laying, jointing and testing of G.I pipe 40mm dia from RD 4500 to 6000 =1500 Rmt.)

| | |
|-----------------------|------------------|
| ESTIMATED COST | 168995.00 |
| EARNEST MONEY | 3380.00 |
| TIME LIMIT: | 3 Months |

| Sr. No | Description of items. | Qty | Unit | Rate | | Amount. |
|-----------------------------|--|--------|------|-------|---------------------------------|---------|
| | | | | Figur | In Words | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| 1 | Excavation in foundation,trenches(for pipes & pits) up to all depths in all classification of earth work such as pick work,jumper work,saturated soil including bailing out water, blasting soft/hard rock or chiseling soft/hard rock where blasting is prohibited in all lifts including trimming & dressing of sides, levelling of beds to correct grade i/c shoring/strutting, planking, timbering & dewatering wherever required, stacking the excavated soil clear from the edge of excavation returning the excavated soil after laying jointing testing of pipes in trenches in 15 Cm layers including consolidating of each deposited layer by ramming & watering & then disposing of all surplus Excavated soil/unusable material as directed with in all leads & lifts including restoration of unmetalled surfaces to its original condition & including cost of diversion for traffic,night signals, fixing caution boards, crossing over trenches for access to houses, fencing etc. complete in all respects with in all leads & lifts as per the entire satisfaction & directions of engineer in charge. | 464.06 | Cum | | | |
| 2 | Laying, jointing & testing of G.I pipe (LC) of following diameter including all kind of fitting required at site of work such as G.I union, Elbwo,Tee, short pieces& nipple etc. complete in all respects within all leads and lifts as per direction of the Engineer-in-Charge | | | | | |
| 2.1 | 40 mm dai (LC) | 1500 | Mts | | | |
| TERMS AND CONDITIONS | | | | | | |
| 1 | Work will be carried out as per HP.PWD/IPH Specifications | | | | | |
| 2 | The contractor shall be responsible himself for watch and ward of material at site of work issued to him by the department | | | | | |
| 3 | 1% Income tax, 1% Labour Cess & 10% security and GST applicable will be deducted from each bill of the contractor | | | | | |
| 4 | G.I. pipes shall be issued by the department free of cost at I&PH Divisional store Anni against proper indent. | | | | | |
| 5 | All GI Fitting as per ISI specification will be procured /arranged by the cont. at his own cost. | | | | | |
| | | | | | | |
| | | | | | Executive Engineer, | |
| | | | | | I&P.H. Division Anni | |

SCHEDULE OF QUANTITY

| NAME OF WORK:- A/R & M/O WSS Nichly Shirty Dhamah Kutal in GP Nither and Durah in Nirmand block Distt. Kullu (H.P) (SH: Providing, laying, jointing and testing of GI pipe 25mm dia from RD 1150 to 2900 = 1350 Rmt.) | | | | ESTIMATED COST | | 111032.00 |
|--|--|------------|-------------|-----------------------|---------------------------------|------------------|
| | | | | EARNEST MONEY | | 2221.00 |
| | | | | TIME LIMIT: | | 3 Months |
| Sr. No | Description of items. | Qty | Unit | Rate | | Amount. |
| | | | | Figur | In Words | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| 1 | Excavation in foundation,trenches(for pipes & pits) up to all depths in all classification of earth work such as pick work,jumper work,saturated soil including bailing out water, blasting soft/hard rock or chiseling soft/hard rock where blasting is prohibited in all lifts including trimming & dressing of sides, levelling of beds to correct grade i/c shoring/strutting, planking, timbering & dewatering wherever required, stacking the excavated soil clear from the edge of excavation returning the excavated soil after laying jointing testing of pipes in trenches in 15 Cm layers including consolidating of each deposited layer by ramming & watering & then disposing of all surplus Excavated soil/unusable material as directed with in all leads & lifts including restoration of unmetalled surfaces to its original condition & including cost of diversion for traffic,night signals, fixing caution boards, crossing over trenches for access to houses, fencing etc. complete in all respects with in all leads & lifts as per the entire satisfaction & directions of engineer in charge. | 273.38 | Cum | | | |
| 2 | Laying, jointing & testing of G.I pipe (LC) of following diameter including all kind of fitting required at site of work such as G.I union, Elbwo,Tee, short pieces& nipple etc. complete in all respects within all leads and lifts as per direction of the Engineer-in-Charge | | | | | |
| 2.1 | 25 mm dai (LC) | 1550 | Mts | | | |
| TERMS AND CONDITIONS | | | | | | |
| 1 | Work will be carried out as per HP.PWD/IPH Specifications | | | | | |
| 2 | The contractor shall be responsible himself for watch and ward of material at site of work issued to him by the department | | | | | |
| 3 | 1% Income tax, 1% Labour Cess & 10% security and GSt applicable will be deducted from each bill of the contractor | | | | | |
| 4 | G.I. pipes shall be issued by the department free of cost at I&PH Divisional store Anni against proper indent. | | | | | |
| 5 | All GI Fitting as per ISI specification will be procured /arranged by the cont. at his own cost. | | | | | |
| | | | | | | |
| | | | | | Executive Engineer, | |
| | | | | | I&P.H. Division Anni | |

SCHEDULE OF QUANTITY

| NAME OF WORK:- A/R & M/O WSS Nichly Shirty Dhamah Kutal in GP Nither and Durah in Nirmand block Distt. Kullu (H.P) (SH: Laying, jointing and testing of GI pipe 25mm dia from RD 0/0 to RD 1550 = 1550 Rmt .) | | | | ESTIMATED COST | | 121157.00 |
|--|--|------------|-------------|-----------------------|---------------------------------|------------------|
| | | | | EARNEST MONEY | | 2423.00 |
| | | | | TIME LIMIT: | | 3 Months |
| Sr. No | Description of items. | Qty | Unit | Rate | | |
| | | | | Figur | In Words | Amount. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| 1 | Excavation in foundation,trenches(for pipes & pits) up to all depths in all classification of earth work such as pick work,jumper work,saturated soil including bailing out water, blasting soft/hard rock or chiseling soft/hard rock where blasting is prohibited in all lifts including trimming & dressing of sides, levelling of beds to correct grade i/c shoring/strutting, planking, timbering & dewatering wherever required, stacking the excavated soil clear from the edge of excavation returning the excavated soil after laying jointing testing of pipes in trenches in 15 Cm layers including consolidating of each deposited layer by ramming & watering & then disposing of all surplus Excavated soil/unusable material as directed with in all leads & lifts including restoration of unmetalled surfaces to its original condition & including cost of diversion for traffic,night signals, fixing caution boards, crossing over trenches for access to houses, fencing etc. complete in all respects with in all leads & lifts as per the entire satisfaction & directions of engineer in charge. | 313.88 | Cum | | | |
| 2 | Laying, jointing & testing of G.I pipe (LC) of following diameter including all kind of fitting required at site of work such as G.I union, Elbwo,Tee, short pieces& nipple etc. complete in all respects within all leads and lifts as per direction of the Engineer-in-Charge | | | | | |
| 2.1 | 25 mm dai (LC) | 1550 | Mts | | | |
| TERMS AND CONDITIONS | | | | | | |
| 1 | Work will be carried out as per HP.PWD/IPH Specifications | | | | | |
| 2 | The contractor shall be responsible himself for watch and ward of material at site of work issued to him by the department | | | | | |
| 3 | 1% Income tax, 1% Labour Cess & 10% security and GSt applicable will be deducted from each bill of the contractor | | | | | |
| 4 | G.I. pipes shall be issued by the department free of cost at I&PH Divisional store Anni against proper indent. | | | | | |
| 5 | All GI Fitting as per ISI specification will be procured /arranged by the cont. at his own cost. | | | | | |
| | | | | | | |
| | | | | | Executive Engineer, | |
| | | | | | I&P.H. Division Anni | |

SCHEDULE OF QUANTITY

| Name of work :- PWSS to village Singh and Sisu Nallah in G.P.Chail in Nirmand Blocki,Distt.Kullu(H.P.)(SH:C/O Intake chamber & Laying, jointing and testing of G.I.Pipe 15mm dia (LC) 1200(E.79). | | | | | | | ESTIMATED COST | 111692.00 |
|--|--|-----------------|-------------|----------------|-----------------|---------------|---------------------------------|------------------|
| | | | | | | | EARNEST MONEY | 2250.00 |
| | | | | | | | TIME LIMIT: | 3 MONTHS. |
| Sr. No | Description of items. | Quantity | Unit | Rate | | Amount | | |
| | | | | In Fig. | In Words | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | | |
| 1 | Excavation in foundations trenches etc. in all kind of soil in all leads and lifts such as pick work, jumper work in saturated /un saturated soil including bailing out water, blasting work in hard/soft rock or chiseling in hard/soft rock where blasting is prohibited in all leads and lifts stacking the excavated earth more than 3mtr.clear from the edge of excavation and then returning the stacked soil in 15cm.layers when required into plinth sides of foundation etc. consolidating each deposited layer by ramming and watering and disposing of all surplus excavated earth as directed within all leads and lifts and handing over the usable materials available from excavation to department free of cost as per direction of Engineer-in-Charge within all leads and lifts. | 205.43 | Cum | | | | | |
| 2 | Providing and laying cement concrete 1:4:8(1cement: 4sand: 8 graded stone agg.40mm nominal size) and curing complete excluding cost of centering and shuttering complete in all respect within all lead and lifts as per the direction of Engineer-in-Charge. a) Foundation and plinth. | 0.41 | Cum | | | | | |
| 3 | Providing and laying cement concrete 1:1 ½ :3(1cement:1 ½ sand:3graded stone aggregate of 20mm nominal size)and curing complete excluding cost of form work and reinforcement for reinforced concrete work complete in all respect within all lead and lifts as per the direction of Engineer-in-Charge. | | | | | | | |
| 3.1 | Foundation footing , basis of columns and the like and mass concrete. | 0.41 | Cum | | | | | |
| 3.2 | Walls (any thickness) but not less than 0.10 Mtrs. thick including attached pilasters buttresses plinth and string course from top of foundation upto floor two levels. | 1.44 | Cum | | | | | |
| 4 | Providing and laying cement concrete work 1:2:4 (1 Cement:2 Sand:4 graded stone aggregate 20 mm nominal size) and curing complete excluding cost of form work and reinforcement for reinforced concrete work complete in all respect within all lead and lifts as per the direction of Engineer-in-Charge. | | | | | | | |
| 4.1 | Suspended floors, roofs, landings, shelves and their supports balconies, beams girders bressumers and cantilevers upto floor two levels | 0.18 | Cum | | | | | |
| 5.0 | Providing & Laying mild /tor steel reinforcement for RCC. work including bending, binding and placing in position complete up to floor two level complete in all respect within all lead and lifts as per the direction of Engineer-in-Charge. | 117.70 | Kg | | | | | |
| 6 | Providing form work with steel plates 3.15mm thick welded with angle iron in frame 30x30x5mm so as to give a rough finish including centering shuttering strutting and propping etc. height of propping and centering below supporting floor to ceiling not exceeding 4mtrs.and removal of the same for in situ reinforced concrete and plain concrete work complete in all respect within all lead and lifts as per the direction of Engineer-in-Charge. | | | | | | | |
| 6.1 | Vertical surfaces such as walls (any thickness)portions and the like including attached pilaster buttresses plinth and string course and the like | 9.80 | Sqm. | | | | | |
| 6.2 | Flat surface such as soffits and suspended floors, roofs, landings and the like: Floors etc. up to 200mm in thickness within all leads and lifts | 1.80 | Sqm | | | | | |
| 7 | Laying, jointing and testing in trenches galvanized mild steel screwed and socketed/flanged pipes of following diameter and class, tube fittings in trenches i/c carriage of pipes from Sub-Divisional Store to site of work,(Earth work in trenches to be measured and paid for separately) complete in all respect and to the entire satisfaction of the Engineer-in-charge: (LR): 15mm dia(LC) | 1200.00 | Rmt | | | | | |
| TERMS AND CONDITIONS | | | | | | | | |
| 1 | The work shall be executed as per HPPWD/IPH specification and to the entire satisfaction of the Enginer-in-charge. | | | | | | | |
| 2 | The contrator shall be fully responsible for watch and ward of the material at site of work and any kind of losses to public/Govt property during exeuction of work. . | | | | | | | |
| 3 | Nothing shall be paid for sub-standard work/material at site of work. | | | | | | | |
| 4 | Security, Income Tax, Sale Tax, GST and labour cess shall be deducted from the bill of the contractor as per relevant clause. | | | | | | | |
| 5 | 1% Labour cess will be deducted on gross amount from each bill besides other deduction such as i/tax,surcharge on i/tax & GST. | | | | | | | |
| 6 | Final payment will be made to conractor after successful testing of the work done. | | | | | | | |
| 7 | Cement shall be issued by the department to the contractor @ 312/- per bag & Tor Steel 4650/ Qtl from Sub-Divisional Store on proper Indent & Challan. | | | | | | | |
| 8 | GI Pipe shall be issued by the Department free of cost from Sub-Division Store Anni against on proper indent. | | | | | | | |
| 9 | No further subletting of the work or any kind of power of attorney or authority will be acceptabe by the department . | | | | | | | |
| | | | | | | | Executive Engineer, | |
| | | | | | | | I&P.H Division, Anni | |

SCHEDULE OF QUANTITY

Name of work :- A/R & M/O various WSS under Jal Shakti Sub-Division Nither in Anni and Nirmand block Distt. Kullu (H.P) (S.H: Fixing of MS Storage tank 270 ltr. capacity and wheel cover chamber at various locations.)

ESTIMATED COST 141256.00**EARNEST MONEY** 2825.00**TIME LIMIT:** 1 Month.

| Sr. No | Description of items. | Quantity | Unit | Rate | | Amount |
|-----------------------------|--|----------|------|---------|----------|---------------------------------|
| | | | | In Fig. | In Words | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| 1 | Fixing of M.S Tank 270 ltr. Capacity at source of following supply scheme including construcion of plate form with CC 1:3:6 (30cm thick size 0.80x0.80 m). This work also includes pointing of M.S tank inside and outside with water colour enamel paint and making connection to inlet and outlet pipe complete in all respect within all lead and lifts as per the direction of Engineer-in-Charge. | 20.00 | No | | | |
| 2 | Fixing of M.S Wheel cover chamber of size 450X450X600 at various location of water supply schemes including construction of plate form with CC 1:3:6 (30cm thick size 0.45X0.45m). This work also includes painting of M.S wheel cover chamber inside and outside with water colour enamel paint complete in all respect within all lead and lifts as per the direction of Engineer-in-Charge. | 70.00 | No | | | |
| TERMS AND CONDITIONS | | | | | | |
| 1 | The work shall be executed as per HPPWD/IPH specification and to the entire satisfaction of the Engineer-in-charge. | | | | | |
| 2 | The contractor shall be fully responsible for watch and ward of the material at site of work. | | | | | |
| 3 | Cement shall be issued by the department to the contractor @ 312/- per bag from Sub-Divisional Store, Anni on proper Indent. | | | | | |
| 4 | The contractor shall be responsible for any accident caused during the construction of the work and the loss if any will be born the contractor. | | | | | |
| 5 | Income Tax, Sale Tax, GST and labour cess shall be deducted from the bill of the contractor as applicable . | | | | | |
| 6 | Nothing shall be paid for rejected material. | | | | | |
| | | | | | | Executive Engineer, |
| | | | | | | I&P.H Division, Anni |

SCHEDULE OF QUANTITY

Name of work :- Tapping of additional source to WSS Lajheri in G.P.Lajheri in Anni Block, Distt. Kullu(H.P).(SH: C/O Storage tank
15000Ltrs. Ltrs Capacity(E.77)

ESTIMATED COST 150511.00**EARNEST MONEY** 3050.00**TIME LIMIT:** 3 MONTHS.

| Sr. No | Description of items. | Quantity | Unit | Rate | | Amount |
|--------|--|----------|------|---------|----------|--------|
| | | | | In Fig. | In Words | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| 1 | Excavation in foundations trenches etc. in all kind of soil in all leads and lifts such as pick work, jumper work in saturated /un saturated soil including bailing out water, blasting work in hard/soft rock or chiseling in hard/soft rock where blasting is prohibited in all leads and lifts stacking the excavated earth more than 3mtr.clear from the edge of excavation and then returning the stacked soil in 15cm.layers when required into plinth sides of foundation etc. consolidating each deposited layer by ramming and watering and disposing of all surplus excavated earth as directed within all leads and lifts and handing over the usable materials available from excavation to department free of cost as per direction of Engineer-in-Charge within all leads and lifts. | 11.46 | Cum | | | |
| 2 | P/L cement conc. 1:3:6(1 cement:3 sand:6 graded stone agg. 40mm nominal size) and curing complete excluding cosot of form work and reinforcement of RCC work in foundation and plinth with in all leads and lifts as per direction and to the entire satisfaction of the Engineer-in-charge. | 1.15 | Cum | | | |
| 3 | Providing and laying cement concrete 1:1 ½ :3(1cement:1 ½ sand:3graded stone aggregate of 20mm nominal size)and curing complete excluding cost of form work and reinforcement for reinforced concrete work complete in all respect within all lead and lifts as per the direction of Engineer-in-Charge. | | | | | |
| 3.1 | Foundation footing , basis of columns and the like and mass concrete. | 1.81 | Cum | | | |
| 3.2 | Walls (any thickness) but not less that 0.10 Mtrs. thick including attached pilasters buttresses plinth and string course from top of foundation upto floor two levels. | 3.99 | Cum | | | |
| 3.3 | Suspended floors, roofs, landings, shelves and their supports balconies, beams girders bressumers and cantilevers upto floor two levels | 0.95 | Cum | | | |
| 4.0 | Providing & Laying mild /tor steel reinforcement for RCC. work including bending, binding and placing in position complete up to floor two level complete in all respect within all lead and lifts as per the direction of Engineer-in-Charge. | 472.00 | Kg | | | |
| 5 | Providing form work with steel plates 3.15mm thick welded with angle iron in frame 30x30x5mm so as to give a rough finish including centering shuttering strutting and propping etc. height of propping and centering below supporting floor to ceiling not exceeding 4mtrs.and removal of the same for in situ reinforced concrete and plain concrete work complete in all respect within all lead and lifts as per the direction of Engineer-in-Charge. | | | | | |
| 5.1 | Vertical surfaces such as walls (any thickness)portions and the like including attached pilaster buttresses plinth and string course and the like | 54.12 | Sqm. | | | |
| 5.2 | Flat surface such as soffits and suspended floors, roofs, landings and the like: Floors etc. up to 200mm in thickness within all leads and lifts | 9.73 | Sqm | | | |
| 5.3 | Edge of slab including all leads and lifts complete in all respect. | 11.06 | Rmt. | | | |
| 6.0 | Fixing of man hole cover size 600x600mm made up 3.1mm thick plain MS sheet fixed on angle ron frame 50x50x5 mm support with M.S. Flate 50x5mm strip at center i/c hold fasting and locking arrangement complete within all leads and lifts complete in all respect(LR) | 1.00 | No. | | | |
| 7 | Laying, jointing and testing in trenches galvanized mild steel screwed and socketed/flanged pipes of following diameter and class, tube fittings in trenches i/c carriage of pipes from Sub-Divisional Store to site of work,(Earth work in trenches to be measured and paid for separately) complete in all respect and to the entire satisfaction of the Engineer-in-charge: (LR) | | | | | |
| i) | 40mm diameter(LC) | 12.00 | Rmt | | | |
| ii) | 50mm diameter(LC) | 6.00 | Rmt | | | |
| 8 | Fixing CI Sluice valve (with hand wheel) as per IS : 780-1984 class-I upto 300mm dia.(i/c brass spindle & as per 2906-1984class-II for dia.> 300 mm) in outlet, Scour and inlet pipe of G.I With M.S flange T-5 i/c welding and fix the sluice valve with flanged pipe complete with bolts nuts,rubber insertion etc.,complete in all respect within all lead and lifts as per the direction of Engineer-in-Charge. | | | | | |
| i) | 40mm diameter(LC) | 2.00 | | | | |
| ii) | 50mm diameter(LC) | 1.00 | | | | |

| TERMS AND CONDITIONS | | | | | |
|-----------------------------|--|--|--|--|---|
| 1 | The work shall be executed as per HPPWD/IPH specification and to the entire satisfaction of the Enginer-in-charge. | | | | |
| 2 | The contrator shall be fully responsible for watch and ward of the material at site of work and any kind of losses to public/Govt property during exeuction of work. . | | | | |
| 3 | Nothing shall be paid for sub-standard work/material at site of work. | | | | |
| 4 | Security, Income Tax, Sale Tax, GST and labour cess shall be deducted from the bill of the contractor as per relevant clause. | | | | |
| 5 | 1% Labour cess will be deducted on gross amount from each bill besides other deduction such as i/tax,surcharge on i/tax & GST. | | | | |
| 6 | Final payment will be made to conractor after successful testing of the work done. | | | | |
| 7 | Cement shall be issued by the department to the contractor @ 312/- per bag & Tor Steel 4650/ Qtl from Sub-Divisional Store on proper Indent & Challan. | | | | |
| 8 | GI Pipe shall be issued by the Department free of cost from Sub-Division Store Anni against on proper indent. | | | | |
| 9 | No further subleting of the work or any kind of power of attorney or authority will be acceptabe by the department . | | | | |
| | | | | | Executive Engineer, I&P.H Division, Anni |

SCHEDULE OF QUANTITY

| NAME OF WORK:- A/R&M/O various WSS under I&PH Section, Kharga in Nirmand Block, Distt. Kullu(H.P)(SH: C/O RCC Jacketing and plastering of various storage tank=Storage tank Sambri =45000Ltrs.=1No.,Kindla=10000Ltrs., S/Tank Randal=10000Ltrs. & S/Tank Kauch=8000Ltrs.) | | | | ESTIMATED COST | | 137893.00 |
|--|---|------------|-------------|-----------------------|-----------------|---------------------------------|
| | | | | EARNEST MONEY | | 2758.00 |
| | | | | TIME LIMIT: | | 2 Months |
| Sr. No | Description of items. | Qty | Unit | Rate | | Amount. |
| | | | | In Fig. | In Words | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| 1 | Providing and laying cement concrete 1:1 ½ :3(1cement:1 ½ sand:3graded stone aggregate of 20mm nominal size)and curing complete excluding cost of form work and reinforcement for reinforced concrete work complete in all respect within all lead and lifts as per the direction of Engineer-in-Charge. | | | | | |
| 1.1 | Foundation footing , basis of columns and the like and mass concrete. | 5.29 | Cum | | | |
| 1.2 | Walls (any thickness but not less than 0.10 mtr. Thickness) including attached pilaster buttresses, plinth and string courses etc. from top of foundation upto two level.) | 3.51 | Cum | | | |
| 2 | Providing form work with steel plates 3.15mm thick welded with angle iron in frame 30x30x5mm so as to give a rough finish including centering shuttering strutting and propping etc. height of propping and centering below supporting floor to ceiling not exceeding 4mtrs.and removal of the same for in situ reinforced concrete and plain concrete work complete in all respect within all lead and lifts as per the direction of Engineer-in-Charge. | | | | | |
| 2.1 | Vertical surfaces such as walls (any thickness)portions and the like including attached pilaster buttresses plinth and string course and the like | 57.18 | Sqm. | | | |
| 3 | Providing & Laying mild /tor steel reinforcement for RCC. work including bending, binding and placing in position complete up to floor two level complete in all respect within all lead and lifts as per the direction of Engineer-in-Charge. | 352.00 | Kg | | | |
| 4 | 20 mm thick cement plaster in single coat on rough side of brick / stone masonry for interior plastering in 1:6 curing complete within all leads and lift as per direction of Engineer in charge. | 51.84 | Sqm. | | | |
| TERMS AND CONDITIONS | | | | | | |
| 1 | The work shall be executed as per HPPWD/IPH specification and to the entire satisfaction of the Engineer-in-charge. | | | | | |
| 2 | The contractor shall be fully responsible for watch and ward of the material at site of work. | | | | | |
| 3 | The contractor shall be responsible for any accident/incident caused during the construction of the work and the loss if any will be born the contractor. | | | | | |
| 4 | Income Tax, Sale Tax, GST and labour cess shall be deducted from the bill of the contractor as applicable . | | | | | |
| 5 | Nothing shall be paid for rejected material. | | | | | |
| 6 | Cement shall be issued by the department to the contractor @ 312/- per bag & Tor Steel 4921/ Qtl from Sub-Divisional Store on proper Indent. | | | | | |
| | | | | | | Executive Engineer, |
| | | | | | | I&P.H Division, Anni |