

Bid Addendum Report

Likhu Pike Rural Municipality, Solukhumbu

Likhu Pike Rural Municipality, Solukhumbu
Chaulakharka
Solukhumbu
Province One
Nepal

Addendum No: 2

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Invitation No: NCB/WORKS/LPKRM/2079/80-02

Dated On: 16-11-2022 00:00

Following changes are made in the bid document

Chapter: General Information

Sl. No.	Relavant Clause No / Name	Existing Clause	Modified Clause
1	Bid Fee	25000.00	10000.00

Chapter: Bid Data Sheet

Sl. No.	Relevant Clause No / Name	Existing Clause	Modified Clause
1	ITB 7.4	A site visit shall not be organized by the employer. A Pre-Bid meeting shall not be take place. Date and Time :shall not be Address : shall not be	A site visit shall be organized by the employer. A Pre-Bid meeting shall not be take place. Date and Time :shall not be Address : shall not be
2	ITB 11.2 (h)	The Bidder shall submit with its Technical Bid the following additional documents: N/A	The Bidder shall submit with its Technical Bid the following additional documents: 1. letter of technical bid with company profile and letter of commitment of line of credit. 2. Quality Assurance Plan (Mandatory) 3. Contract between Company and its employee valued up to project duration (Engineer and other) 4. Work Schedule (For time
3	ITB 19.1	The Bidder shall furnish a bid security from "A" class commercial bank. Which shall be valid for 30 days beyond the validity period of the bid.	The Bidder shall furnish a bid security from "A" class commercial bank. Which shall be valid for 30 days beyond the validity period of the bid. [[[]]]

Chapter: Evaluation and Qualification Criteria

Sl. No.	Existing Criteria	Modified Criteria	Latest Criteria Description
1	Construction Experience in Key Activities	Construction Experience in Key Activities	<p>For the above or other contracts executed during the period stipulated in 2.4.2(a) above, a minimum construction experience in the following key activities:</p> <ol style="list-style-type: none"> 1. Reinforcement = 70,000 kg (Minimum) 2. PCC for RCC = 600 Cum 3. Brick work/ Masonry = 200 Cum <p>For Single Entity : Must meet all requirements For joint Venture, For all partner combined: Must meet all requirements Each partner: Not applicable For One Partner: Not applicable</p> <p>Documents Submission Requirements : Form EXP – 2(b)</p>
2	Alternative Technical Solutions	Multiple Contracts	<p>Multiple Contracts, if permitted under ITB 35.4, will be evaluated as follows: Award Criteria for Multiple Contracts [ITB 35.4]: Bidders have the option to Bid for any one or more Contracts. Bids will be evaluated taking into account discounts offered, if any, for combined contracts. The contract(s) will be awarded to the Bidder or Bidders offering the lowest evaluated cost to the Employer for combined contracts, subject to the selected Bidder(s) meeting the required qualification criteria for combination of multiple contracts as the case may be.</p> <p>Qualification Criteria for Multiple Contracts: The criteria for qualification shall be the sum of the minimum requirements for respective individual contracts as specified under items 2.3.2, 2.3.3, 2.4.2 b, 2.5 and 2.6.</p> <p>With respect to the Contracts of Similar Size and Nature under item 2.4.2(a). of Section III, the evaluation shall be done as below: N is the minimum number of contracts required as per Specific Construction Experience (2.4.2(a)). V is the minimum value of a single contract as per Note (2), (3) or (4) of 2.4.2 Specific Construction Experience</p> <p>i. Minimum requirements for combined contract(s) shall be the aggregate requirements for each contract for which the bidder has submitted bids as follows, and N1,N2,N3, etc. shall be different contracts: Contract 1: N1 contracts, each of minimum value V1; Contract 2: N2 contracts, each of minimum value V2; Contract 3: N3 contracts, each of minimum value V3; ---etc.</p> <p style="text-align: center;">Or</p>

Sl. No.	Existing Criteria	Modified Criteria	Latest Criteria Description
			<p>ii. Total number of contracts is equal or less than $N1 + N2 + N3$ ---but the total value of all such contracts is equal or more than $N1 \times V1 + N2 \times V2 + N3 \times V3$ ----.</p>
3	Alternative Technical Solutions	In case other than Multiple Contracts	<p>Bidders have the option to Bid for any one or more Contracts. The contracts will be awarded to the Bidder or Bidders offering the lowest evaluated cost to the Employer, subject to the selected Bidder(s) meeting the required qualification which shall be the sum of the minimum requirements for respective individual contracts. Under this case, Contract shall be awarded based on Least Cost Combination to the Employer.</p>
4	Multiple Contracts	Removed	<p>Multiple Contracts, if permitted under ITB 35.4, will be evaluated as follows: Award Criteria for Multiple Contracts [ITB 35.4]: Bidders have the option to Bid for any one or more Contracts. Bids will be evaluated taking into account discounts offered, if any, for combined contracts. The contract(s) will be awarded to the Bidder or Bidders offering the lowest evaluated cost to the Employer for combined contracts, subject to the selected Bidder(s) meeting the required qualification criteria for combination of multiple contracts as the case may be. Qualification Criteria for Multiple Contracts: The criteria for qualification shall be the sum of the minimum requirements for respective individual contracts as specified under items 2.3.2, 2.3.3, 2.4.2 b, 2.5 and 2.6. With respect to the Contracts of Similar Size and Nature under item 2.4.2(a). of Section III, the evaluation shall be done as below: N is the minimum number of contracts required as per Specific Construction Experience (2.4.2(a)). V is the minimum value of a single contract as per Note (2), (3) or (4) of 2.4.2 Specific Construction Experience</p> <p>i. Minimum requirements for combined contract(s) shall be the aggregate requirements for each contract for which the bidder has submitted bids as follows, and $N1, N2, N3$, etc. shall be different contracts: Contract 1: $N1$ contracts, each of minimum value $V1$; Contract 2: $N2$ contracts, each of minimum value $V2$; Contract 3: $N3$ contracts, each of minimum value $V3$; ----etc.</p> <p>Or</p> <p>ii. Total number of contracts is equal or less than $N1 + N2 + N3$ ---but the total value of all such contracts is equal or more than $N1 \times V1 + N2 \times V2 + N3 \times V3$ ----.</p>

1 Provisional Sum

Procurement Item Details

SL. No	Item Description	Unit	Quantity	Unit Rate(in NPR)	Amount(in NPR)
1	Insurance	Job	1	423245	423245
2	As Built Drawing Preparation	Job	1	89167	89167
3	Material Lab Test	Job	1	115001	115001

2 Construction work

2.1 Civil Works

2.1.1 Site Clearance

Procurement Item Details

SL. No	Item Description	Unit	Quantity	Bidder's Rate(NPR)	Bidder's Rate (in words)	Total Amount(NPR)
1	Clearing and grubbing the site for construction by removing 150mm thick top soil including bushes, small trees, leveling of undulated ground, sorting and stacking/storing selected top soil for reuse in landscaping works, disposing unsuitable materials from site, etc., all complete as per drawings, specifications and instructions of the Engineer.	Sqm	1549.15			

2.1.2 Earth Work

Procurement Item Details

SL. No	Item Description	Unit	Quantity	Bidder's Rate(NPR)	Bidder's Rate (in words)	Total Amount(NPR)
1	E/W in Excavation and filling in all types of soils in foundation by 0.8 Cum capacity hydraulic excavator including 15 m hauling distance & 1.5m lift all complete work as per inst.	Cum	5225.01			
2	Earthwork in Filling in floor and foundation with proper ramming with iron rammers in 0.15m. layers after sprinkling with water and consolidating to as per specification and instruction complete work (by transportation).	Cum	395.32			

2.1.3 Masonry Work

Procurement Item Details

SL. No	Item Description	Unit	Quantity	Bidder's Rate(NPR)	Bidder's Rate (in words)	Total Amount(NPR)
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Procurement Item Details						
SL. No	Item Description	Unit	Quantity	Bidder's Rate(NPR)	Bidder's Rate (in words)	Total Amount(NPR)
1	Providing and laying uncoursed hand packed Dry Rubble Stone soling in foundation, under floor plinth with out any special dressing of stone including filling interstices with suitable quarry waste or stone chips or quarry sand, watering, compacting using appropriate mechanical compaction means with all contractors materials, handling, placing etc. all complete as per drawings, specifications and instruction of the Engineer. The complete item including all lead & lift.	cum	1137.87			
2	Providing & laying brickwork in 1:4 C/S mortar in substructure in perfect line level finish including the cost of single or multi stage scaffolding, provision for recesses, openings, toothing and curing the work for at least 7 days as per specification, drawings & instructions of the site engineer.	Cum	103.99			
3	Providing & laying machine made brickwork of 9" Thickness in 1:6 C/S mortar in ground floor in perfect line level finish including the cost of single or multi stage scaffolding, wetting the bricks, racking the joints, provision for recesses, openings, toothing and curing the work for at least 7 days as per specification, drawings & instructions of the site engineer.	Cum	116.8			
4	Providing & laying machine made brickwork of 9" Thickness in 1:6 C/S mortar above ground floor in perfect line level finish including the cost of single or multi stage scaffolding, wetting the bricks, racking the joints, provision for recesses, openings, toothing and curing the work for at least 7 days as per specification, drawings & instructions of the site engineer.	Cum	259.58			
5	Providing & laying machine made brickwork in 1:4 C/S mortar upto ground level with half brick wall in ground floor in perfect line level finish including wetting the bricks, racking the joints and curing the work for at least 7 days as per specification, drawings & instructions of the site engineer all complete.	Cum	11.74			

Procurement Item Details

SL. No	Item Description	Unit	Quantity	Bidder's Rate(NPR)	Bidder's Rate (in words)	Total Amount(NPR)
6	Providing & laying machine made brickwork in 1:4 C/S mortar in superstructure with half brick wall above ground floor in perfect line level finish including wetting the bricks, racking the joints and curing the work for at least 7 days as per specification, drawings & instructions of the site engineer all complete.	Cum	38.82			

2.1.4 Concreting Work

Procurement Item Details

SL. No	Item Description	Unit	Quantity	Bidder's Rate(NPR)	Bidder's Rate (in words)	Total Amount(NPR)
1	Providing and laying machine mixed Plain Cement Concrete of nominal mix 1:2:4 (1 cement : 2 sand : 4 coarse aggregate) for leveling course in foundations and under floor of building, etc. in all level with broken stone aggregate of size not more than 25 mm of approved quality including formwork wherever necessary, dewatering, batching, mixing, transporting, placing, compacting, curing, including all lead and lift, etc. all complete as per drawings, specifications and the instructions of the Engineer.	Cum	61.22			

Procurement Item Details						
SL. No	Item Description	Unit	Quantity	Bidder's Rate(NPR)	Bidder's Rate (in words)	Total Amount(NPR)
2	Providing and laying in position machine mixed and machine vibrated cement concrete of mix 1:1.5:3 (1 cement:1.5 sand: 3 coarse aggregate) M20 grade for reinforced cement concrete work using approved cement with 40 mm graded machine crushed stone aggregate of approved quality in various locations and heights including transportation of concrete to site of placing, compaction, finished to required line and level, protection and curing, etc. all complete as per drawings, specifications and the instructions of the Engineer, but excluding the cost of centering, shuttering, and reinforcement, but including the cost of admixtures in recommended proportions (as per IS:9103) to accelerate, retard setting of concrete improve workability, improve strength without impairing strength and durability as per direction of Engineer.	Cum	856.17			

2.1.5 Reinforcement Work

Procurement Item Details						
SL. No	Item Description	Unit	Quantity	Bidder's Rate(NPR)	Bidder's Rate (in words)	Total Amount(NPR)
1	Providing and fixing in position Fe 500 steel reinforcement of various diameter confirming to relevant IS code in R.C.C. works including straightening, cutting, bending, binding with 20 SWG annealed wire for tying the reinforcement bars at each junctions (binding wire shall not be measured separately) including all waste and cut pieces, provision for adequate numbers of spacers, chairs, providing and placing cement mortar (1:1) cover blocks to keep the bars in intended position at all levels all complete as per drawings, specifications and instructions of the Engineer. (Authorized lap length and for the bar length exceeding 10 meter in length shall be measured for the payment).	Kg	114178.34			

2.1.6 Formwork

Procurement Item Details						
SL. No	Item Description	Unit	Quantity	Bidder's Rate(NPR)	Bidder's Rate (in words)	Total Amount(NPR)
1	Formwork, shuttering, centering with 19mm thick waterproof ply for beam with steel pipe propping, scaffolding, staging, supporting inclusive of wedging and cutting holes for utilization till the support if fully unyielding nett.	Sqm	1531.6			
2	Formwork, shuttering, centering with 19mm thick waterproof ply for column, necessary propping, scaffolding, staging, supporting inclusive of wedging and cutting holes for utilization till the support if fully unyielding nett.	Sqm	1425.19			
3	Formwork, shuttering, centering with 19mm thick waterproof ply board for slab and other and steel post for all works necessary propping, scaffolding, staging, supporting inclusive of wedging and cutting holes for utilization till the support if fully unyielding nett.	Sqm	2800.96			

2.1.7 Flooring and Finishing

Procurement Item Details						
SL. No	Item Description	Unit	Quantity	Bidder's Rate(NPR)	Bidder's Rate (in words)	Total Amount(NPR)
1	Providing, laying in required line, level and pattern 38 mm thick cement concrete screeding of mix 1:2:4 (1 cement : 2 sand : 4 crushed stone aggregate 12 mm and down grade) applied as per manufacturer's instructions including mixing laying in required slope, intrical finishing using appropriate power trowelling equipment, etc. all complete as per drawing, specification and instructions of the Engineer.	Sqm	2641.11			
2	Providing and Laying 10 mm th. ceramic tiles on floors of approved colored laid with 1:4 C/S mortar all complete as per site instruction of Engineer.	Sqm	144.79			
3	Providing and Laying 10 mm th. ceramic tiles on walls of approved colored laid with 1:4 C/S mortar all complete as per site instruction of Engineer.	Sqm	360.14			

Procurement Item Details						
SL. No	Item Description	Unit	Quantity	Bidder's Rate(NPR)	Bidder's Rate (in words)	Total Amount(NPR)
4	Providing and laying in required line and level Procelain unglazed floor tiles (eqv. to Somany, Kazarria, etc.) in 1:4 C/S mortar and white cement shining surface and curing all complete as per design, drawing, specification and instruction of site engineer.	Sqm	1172.97			
2.1.8 Metal Work						
Procurement Item Details						
SL. No	Item Description	Unit	Quantity	Bidder's Rate(NPR)	Bidder's Rate (in words)	Total Amount(NPR)
1	Supply & fixing Stainless Steel railing of 4 rows(50 mm at top and 3 rows of 25 mm in between ground and top, 50 mm Vertical post@ 2 m ,0.75m-1 m height) as per instruction of site engineer.	Rm	201.68			
2.1.9 Plastering And Punning Work						
Procurement Item Details						
SL. No	Item Description	Unit	Quantity	Bidder's Rate(NPR)	Bidder's Rate (in words)	Total Amount(NPR)
1	Providing, laying & curing 12.5 mm thick cement sand (1:3) Plaster on ceiling to perfect plumb, lines & level all complete as per design drawings, specifications and instruction of the site engineer all complete:	Sqm	1347.57			
2	Providing and applying at all levels and shape 12.5 mm thick cement plaster in building interior in specified cement mortar with 1:4 (1 cement :4 fine sand) in all surface at all height including mixing mortar, laying in perfect line, level and plumb and finishing in regular and even surface including all necessary single or multi-stage scaffolding, making grooves and recesses, throating, dusting, dripping, wetting, curing, protection, etc., all complete as per drawing , specification and instruction of the Engineer.	Sqm	3252.41			

Procurement Item Details						
SL. No	Item Description	Unit	Quantity	Bidder's Rate(NPR)	Bidder's Rate (in words)	Total Amount(NPR)
3	Providing and applying at all levels and shape 20 mm thick cement plaster in building exterior in specified cement mortar with 1:4 (1 cement :4 fine sand) in all surface at all height including mixing mortar, laying in perfect line, level and plumb and finishing in regular and even surface including all necessary single or multi-stage scaffolding, making grooves and recesses, throating, dusting, dripping, wetting, curing, protection, etc., all complete as per drawing , specification and instruction of the Engineer.	Sqm	1565.41			

2.1.10 Aluminium Work

Procurement Item Details						
SL. No	Item Description	Unit	Quantity	Bidder's Rate(NPR)	Bidder's Rate (in words)	Total Amount(NPR)
1	Supplying and Installation of aluminium Single and double leafed half glazed Swing panel doors with fixed ventilation with all necessary hardware all complete Work as per instruction of Engineer	Sqm	188.61			
2	Supplying and Installation of aluminium Single and double leafed half glazed Swing panel doors without fixed ventilation with all necessary hardware all complete Work as per instruction of Engineer	Sqm	47.25			
3	Supplying and Installation of aluminium fixed Window with fixed Ventilation along with all necessary hardware all complete Work as per instruction of Engineer	Sqm	1.12			
4	Supplying and Installation of aluminium Sliding Window with fixed Ventilation along with all necessary hardware all complete Work as per instruction of Engineer	Sqm	136.45			
5	Supplying and Installation of aluminium Sliding Window without fixed Ventilation along with all necessary hardware all complete Work as per instruction of Engineer	Sqm	6.56			
6	Supplying and Installation of aluminium moveable glass louvered window with all necessary hardware all complete Work as per instruction of Engineer	Sqm	1.8			

Procurement Item Details						
SL. No	Item Description	Unit	Quantity	Bidder's Rate(NPR)	Bidder's Rate (in words)	Total Amount(NPR)
7	Supplying and Installation of aluminium fixed air shield double glazed fixed panel with all necessary hardware all complete Work as per instruction of Engineer	Sqm	10.8			
2.1.11 Colouring/ Painting Work						
Procurement Item Details						
SL. No	Item Description	Unit	Quantity	Bidder's Rate(NPR)	Bidder's Rate (in words)	Total Amount(NPR)
1	Providing and applying two or more coats of first quality plastic emulsion paints of approved shade and pattern to the interior walls of buildings etc., The rates shall include for scrapping , washing the surface with water, applying a coat of approved quality water base cement primer, surface preparation, scaffolding etc., all complete as per the manufacturer's recommendations and as approved by the Engineer.	Sqm	3252.41			
2	Providing and applying two or more coats of first quality plastic emulsion paints of approved shade and pattern to the interior walls of buildings etc., The rates shall include for scrapping , washing the surface with water, applying a coat of approved quality water base cement primer, surface preparation, scaffolding etc., all complete as per the manufacturer's recommendations and as approved by the Engineer.	Sqm	1565.41			
2.1.12 Expansion Joint Work						
Procurement Item Details						
SL. No	Item Description	Unit	Quantity	Bidder's Rate(NPR)	Bidder's Rate (in words)	Total Amount(NPR)
1	Providing and fixing Expansion joint for horizontal slab area with 3mm to 5mm thick different aluminum plates with joint gap of 4", complete as per specification, design & drawing and instruction of engineer. Veda, Bituflex PU, Koster or equivalent.	Rm	8.3			

Procurement Item Details						
SL. No	Item Description	Unit	Quantity	Bidder's Rate(NPR)	Bidder's Rate (in words)	Total Amount(NPR)
2	Providing and fixing Expansion joint for Roof slab area with 3mm to 5mm thick different aluminum plates with joint gap of 12", complete as per specification, design & drawing and instruction of engineer. Veda, Bituflex PU, Koster or equivalent.	Rm	16.6			
3	Providing and fixing Expansion joint for outside vertical area with 3mm to 5mm thick different aluminum plates with joint gap of 4", complete as per specification, design & drawing and instruction of engineer. Veda, Bituflex PU, Koster or equivalent.	Rm	39.76			

2.2 Electrical Work

2.2.1 Luminaires (Fixtures)

Procurement Item Details						
SL. No	Item Description	Unit	Quantity	Bidder's Rate(NPR)	Bidder's Rate (in words)	Total Amount(NPR)
1	Supply, Installation, Testing & Commissioning circular type 36W LED Recess/Surface mounting Pannel light Philips, wipro, Crompton, HPL or equivalent, with screws, gripes, pvc tape, box etc all complete.	Set	26.0			
2	Supply, Installation, Testing & Commissioning circular type 22W LED Recess/Surface mounting Downlight , Philips, wipro, Crompton, HPL or equivalent, with screws, gripes, pvc tape, box etc all complete.	Set	42.0			
3	Supply, Installation, Testing & Commissioning circular type 15W LED Recess/Surface mounting Downlight , Philips, wipro, Crompton, HPL or equivalent, with screws, gripes, pvc tape, box etc all complete.	Set	40.0			
4	Supply, Installation, Testing & Commissioning circular type 10W LED Recess/Surface mounting Downlight , Philips, wipro, Crompton, HPL or equivalent, with screws, gripes, pvc tape, box etc all complete.	Set	101.0			
5	Supply, Installation, Testing & Commissioning of ceiling mounted circular type Celing Mounted 5W Ceiling mounted LED down light , Philips, wipro, Crompton, HPL or equivalent, with screws, gripes, pvc tape, box etc all complete.	Set	22.0			

Procurement Item Details						
SL. No	Item Description	Unit	Quantity	Bidder's Rate(NPR)	Bidder's Rate (in words)	Total Amount(NPR)
6	Supply, Installation, Testing & Commissioning of ceiling mounted circular type Ceiling Mounted 3W LED , Philips, wipro, Crompton, HPL or equivalent, with screws, gripes, pvc tape, box etc all complete.	Set	25.0			
7	Supply, Installation, Testing & Commissioning of Wall LIGHT LED, 18W, Philips, wipro, Crompton, HPL or equivalent, with screws, gripes, pvc tape, box etc all complete.	Set	18.0			
8	Supply, Installation, Testing & Commissioning of Mirror LIGHT LED with electronic balast, 11/13W, Philips, wipro, Crompton, HPL or equivalent, with screws, gripes, pvc tape, box etc all complete.	Set	15.0			
9	Supply, Installation, Testing & Commissioning of ALPHA FLOOD LIGHT LED, 50W, Philips, wipro, Crompton, HPL or equivalent, with screws, gripes, pvc tape, box etc all complete.	Set	16.0			

2.2.2 Fan And Accessories

Procurement Item Details						
SL. No	Item Description	Unit	Quantity	Bidder's Rate(NPR)	Bidder's Rate (in words)	Total Amount(NPR)
1	Supply, Installation, Testing & Commissioning of 48" Ceiling Fan Bajaj or eqv. with all necessary accessories: screws, gripes, box etc all complete.	Set	53.0			
2	Supply, Installation, Testing & Commissioning of Dimmer Single 300 Watt F BAJAJ or eqvt. with 4"*6" box with all necessary accessories: screws, gripes, box etc all complete.	Set	53.0			
3	Supply, Installation, Testing & Commissioning of 9" Exhaust Fan Bajaj or eqv. with all necessary accessories: screws, gripes, box etc all complete.	Set	14.0			

2.2.3 Socket Switch Junction box (Flush Type)

Procurement Item Details						
SL. No	Item Description	Unit	Quantity	Bidder's Rate(NPR)	Bidder's Rate (in words)	Total Amount(NPR)
1	Supply, Installation, Testing & Commissioning with all necessary accessories: screws, gripes, box etc all complete 5/15 Amps combined Single modular socket flush type Dyna,CPL, HPL or eqvt. with 3"*3" box etc all complete.	Set	132.0			

Procurement Item Details						
SL. No	Item Description	Unit	Quantity	Bidder's Rate(NPR)	Bidder's Rate (in words)	Total Amount(NPR)
2	Supply, Installation, Testing & Commissioning with all necessary accessories: screws, gripes, box etc all complete 1 gang 1 way modular switch Dyna, CPL, HPL or eqvt. with 3"*3" box etc all complete	Set	20.0			
3	Supply, Installation, Testing & Commissioning with all necessary accessories: screws, gripes, box etc all complete 2 gang 1 way modular switch Dyna, CPL, HPL or eqvt. with 3"*3" box etc all complete	Set	12.0			
4	Supply, Installation, Testing & Commissioning with all necessary accessories: screws, gripes, box etc all complete 3 gang 1 way modular switch Dyna, CPL, HPL or eqvt. with 3"*3" box etc all complete	Set	25.0			
5	Supply, Installation, Testing & Commissioning with all necessary accessories: screws, gripes, box etc all complete 4 gang 1 way modular switch Dyna, CPL, HPL or eqvt. with 3"*3" box etc all complete	Set	12.0			
6	Supply, Installation, Testing & Commissioning with all necessary accessories: screws, gripes, box etc all complete 5 gang 1 way modular switch Dyna, CPL, HPL or eqvt. with 3"*3" box etc all complete	Set	10.0			
7	Supply, Installation, Testing & Commissioning with all necessary accessories: screws, gripes, box etc all complete 6 gang 1 way modular switch with 3 pin socket Dyna, CPL, HPL or eqvt. with 4"*8" box etc all complete	Set	16.0			
8	Supply, Installation, Testing & Commissioning with all necessary accessories: screws, gripes, box etc all complete 1 gang 2 way modular switch flush type Dyna, CPL, HPL or eqvt. with 3"*3" box etc all complete	Set	8.0			
2.2.4 Point Wiring/ Wire/ Cables						
Procurement Item Details						
SL. No	Item Description	Unit	Quantity	Bidder's Rate(NPR)	Bidder's Rate (in words)	Total Amount(NPR)

Procurement Item Details						
SL. No	Item Description	Unit	Quantity	Bidder's Rate(NPR)	Bidder's Rate (in words)	Total Amount(NPR)
1	Supply, Installation, Testing & Commissioning with all necessary accessories: HDPE polythene pipe(10m per points), screws, clamps, pvc tape, grips, flexible wire (10m per points) etc all complete 2x2.50 sq mm multi strand flexible cu.wire NS marked or equivalent for light & fan point in 25mm HDPE polythene pipe.	Point	399.0			
2	Supply, Installation, Testing & Commissioning with all necessary accessories: HDPE polythene pipe(10m per points), screws, clamps, pvc tape, grips, flexible wire (10m per points) etc all complete 2x4.0+1x1.50 sq.mm multi strand flexible cu wire NS marked or equivalent for power point in 20mm HDPE polythene pipe.	Point	132.0			
3	Supply, Installation, Testing & Commissioning with all necessary accessories: HDPE polythene pipe(10m per points), screws, clamps, pvc tape, grips, flexible wire (10m per points) etc all complete 4 core 95 sq. mm unarmoured copper PVC/XLPE cable NS marked or equivalent for supply to changeover switch/ Isolator from Main Panel near transformer point. (APPROX..)	Rm	50.0			
4	Supply, Installation, Testing & Commissioning with all necessary accessories: HDPE polythene pipe(10m per points), screws, clamps, pvc tape, grips, flexible wire (10m per points) etc all complete 4 core 70 sq. mm unarmoured copper PVC/XLPE cable NS marked or equivalent for supply to changeover switch/ Isolator from Main Panel near transformer point. (APPROX..)	Rm	50.0			
5	Supply, Installation, Testing & Commissioning with all necessary accessories: HDPE polythene pipe(10m per points), screws, clamps, pvc tape, grips, flexible wire (10m per points) etc all complete 4 core 25 sq. mm armoured copper PVC/XLPE cable NS marked or equivalent for supply to floor DBs from main DB at basement.	Rm	100.0			

Procurement Item Details						
SL. No	Item Description	Unit	Quantity	Bidder's Rate(NPR)	Bidder's Rate (in words)	Total Amount(NPR)
6	Supply, Installation, Testing & Commissioning with all necessary accessories: HDPE polythene pipe(10m per points), screws, clamps, pvc tape, grips, flexible wire (10m per points) etc all complete 4 core 6 sq.mm armoured copper PVC/XLPE cable NS marked or equivalent for supply to sub DBs from floor DB at . (APPROX..)	Rm	180.0			
7	Supply, Installation, Testing & Commissioning with all necessary accessories: HDPE polythene pipe(10m per points), screws, clamps, pvc tape, grips, flexible wire (10m per points) etc all complete 2 core 4 sq.mm armoured copper PVC/XLPE cable NS marked or equivalent for supply to sub DBs from floor DB at . (APPROX..)	Rm	50.0			
2.2.5 Energy Meter/ Manual Changeover Switch Panel Type						
Procurement Item Details						
SL. No	Item Description	Unit	Quantity	Bidder's Rate(NPR)	Bidder's Rate (in words)	Total Amount(NPR)
1	Supply, Installation, Testing & Commissioning of Three phase energy meter/(CT meter) with 210 Amp MCCB and meter box with all necessary accessories: screws, gripes, nut bolt etc all complete.	Set	1.0			
2	Three step manual changeover switch,210 Amp, FP, Siemens, Hager or equivalent.	Set	1.0			
2.2.6 Main panel Board						
Procurement Item Details						
SL. No	Item Description	Unit	Quantity	Bidder's Rate(NPR)	Bidder's Rate (in words)	Total Amount(NPR)

Procurement Item Details						
SL. No	Item Description	Unit	Quantity	Bidder's Rate(NPR)	Bidder's Rate (in words)	Total Amount(NPR)
1	Supply, Installation, Testing & Commissioning of Main Breaker Panel Board double door type with locking arrangement with 2 coat of red oxide metal primer & 3 stage quality paint before final coat of enamel paint(Three Phase, Neutral link, Earth link) TPNE Copper bus bar including necessary accessories for internal wiring at the board excluding the cost of MCCB & measuring instruments, board made of mild steel sheet with cu. busbar double cover floor mount size 12"x52"x66"(100 Amp) & color push type lock for housing the following items all complete. (space for 8 no. MCCB).Electronic Digital Volt Meter(0-500V)-1, Electronic Digital Ammeter-1, 7 position Volt Selector-1, 4 position Amp Selector-1, C.T. Coil-1, Indication LED Light-3, 210 Amp TP outgoing MCCB 25 kA-1, 40Amp TP outgoing MCCB 25 kA-3, 32 Amp TP outgoing MCCB 25 kA-3, 16 Amp DP outgoing MCCB 25 kA-3, 6 Amp TP outgoing MCB 10kA-1, with all necessary accessories: screws, gripes, nut bolt, cable shoe ,etc all complete.	Set	1.0			

2.2.7 Floor Distributino Boards

Procurement Item Details						
SL. No	Item Description	Unit	Quantity	Bidder's Rate(NPR)	Bidder's Rate (in words)	Total Amount(NPR)
1	Supply, Installation, Testing & Commissioning with all necessary accessories; screws, gripes, nut bolt, cable shoe, pvc tape etc all complete Main Distribution board 10 way TPN made of mild steel sheet double cover push lock size flush type with with followings- Copper bus bar-3, Neutral link-1, Earthing link-1, Brass Cable Glands, 40 Amp TPN incommer MCB 25 kA-1, 32 Amp TP outgoing MCB 25 kA-2, etc all complete. (MCBs, MCCBs should be of siemens, legrand or equivalent brand)	Set	3.0			

Procurement Item Details						
SL. No	Item Description	Unit	Quantity	Bidder's Rate(NPR)	Bidder's Rate (in words)	Total Amount(NPR)
2	Supply, Installation, Testing & Commissioning with all necessary accessories; screws, gripes, nut bolt, cable shoe, pvc tape etc all complete Main Distribution board 8 way TPN made of mild steel sheet double cover push lock size flush type with with followings- Copper bus bar-3, Neutral link-1, Earthing link-1, Brass Cable Glands, 32 Amp TP incommer MCB-1, 6-16 Amp SP outgoing MCB-21, etc all complete. (MCBs, MCCBs should be of siemens, legrand or equivalent brand)	Set	2.0			
3	Supply, Installation, Testing & Commissioning with all necessary accessories; screws, gripes, nut bolt, cable shoe, pvc tape etc all complete Main Distribution board 6 way TPN made of mild steel sheet double cover push lock size flush type with with followings- Copper bus bar-3, Neutral link-1, Earthing link-1, Brass Cable Glands, 16 Amp TP incommer MCB-1, 6-16 Amp SP outgoing MCB-15, etc all complete. (MCBs, MCCBs should be of siemens, legrand or equivalent brand)	Set	4.0			

2.2.8 Computer Networking System

Procurement Item Details						
SL. No	Item Description	Unit	Quantity	Bidder's Rate(NPR)	Bidder's Rate (in words)	Total Amount(NPR)
1	Accessories : screws, grips, pvc tape,HDPE pipe etc all complete Telephone CDF including 1 set Solder less telephone cable termination module 12 pair	Set	1.0			
2	Accessories : screws, grips, pvc tape,HDPE pipe etc all complete Telephone socket Northwest , Seimens ,Legrand modular or eqvt. etc all complete.	Set	21.0			
3	Accessories : screws, grips, pvc tape,HDPE pipe etc all complete 2 pair telephone cable for telephone point in 1/2",(20mm) HDPE polythene pipe.	Point	8.0			

Procurement Item Details						
SL. No	Item Description	Unit	Quantity	Bidder's Rate(NPR)	Bidder's Rate (in words)	Total Amount(NPR)
4	Accessories : screws, grips, pvc tape,HDPE pipe etc all complete 4 pair telephone cable for main in(25mm) HDPE polythene pipe. (Approx..)	Rm	70.0			
5	Accessories : screws, grips, pvc tape,HDPE pipe etc all complete Net distribution module with 10 channel switch	Set	1.0			
6	Accessories : screws, grips, pvc tape,HDPE pipe etc all complete Net socket Northwest ,Seimens , Legrand modular or eqvt. etc all complete.	Set	27.0			
7	Accessories : screws, grips, pvc tape,HDPE pipe etc all complete Cat 6 net cable for net point in 1/2", (20mm) HDPE polythene pipe.	Rm	100.0			

2.2.9 Earthing

Procurement Item Details						
SL. No	Item Description	Unit	Quantity	Bidder's Rate(NPR)	Bidder's Rate (in words)	Total Amount(NPR)
1	Supply, Installation, Testing & Commissioning of Copper Plate earthing with plate size of 600 x 600 x 3.14 mm copper plate (1 Set), 16 x 3 sq. mm copper strip with Brazing to plate, 25 mm Diameter GI Pipe (2 meter), 5/16 nuts & bolt with spring washer cadmium maker (1 set), Salt (40 KG), Charcoal Dust (40 kg), mild Cover (Removable) for water pouring intopit (1 set) and Funnel with wire mesh (1 set) etc with all Accessories : salt, coal, cu plate, HDPE polythene pipe., etc all complete.	Set	1.0			

2.2.10 Backup Diesel Generator

Procurement Item Details						
SL. No	Item Description	Unit	Quantity	Bidder's Rate(NPR)	Bidder's Rate (in words)	Total Amount(NPR)

Procurement Item Details						
SL. No	Item Description	Unit	Quantity	Bidder's Rate(NPR)	Bidder's Rate (in words)	Total Amount(NPR)
1	Supply, Installation, Testing & Commissioning of Eicher Volvo Gensets make or epv. water cooled diseal engine with electric starting arrangements, coupled with alternator of 125 KVA 3 phase ,415V, 50Hz, 0.8 p.f with control panel, fuel tank, base frame, safety devices, & control panel mounted on DG set with auto start/stop AMF with ATS control panel for power backup with all necessary accessories; screws, gripes, nut bolt, cable shoe, pvc tapewith all necessary accessories: screws, gripes, nut bolt etc all complete(Kriloskar or eq)	Set	1.0			

2.2.11 Fire Alarm System

Procurement Item Details						
SL. No	Item Description	Unit	Quantity	Bidder's Rate(NPR)	Bidder's Rate (in words)	Total Amount(NPR)
1	Fire alarm,RI,MCP & detector points with 2x1.5sq. Mm FRLS copper wire in 20mm HDPE Polythene pipe etc all complete.	Point	35.0			
2	Supply & installation of ionization smoke/Heat detector including base plate (system sensor-UK make)	set	35.0			
3	Supply & installation of break glass type Manual call point (system sensor)	set	8.0			
4	Supply & installation of electronic beacon sounder (system sensor)	set	6.0			

2.3 Sanitary Works

2.3.1 Sanitary Item

Procurement Item Details						
SL. No	Item Description	Unit	Quantity	Bidder's Rate(NPR)	Bidder's Rate (in words)	Total Amount(NPR)
1	Commode Set: Providing and fixing white glazed porcelain clay EWC regular commode with s or p trap with white glazed porcelain clay 10 lit cistern complete set (internal part of cistern pvc fittings), bakelite toilet seat cover set., 15*450mm pvc pipe connector set, stainless steel one way angle valve (grohe, hansgrohe, american standard or equivalent) and 32 mmx60cm long c.p. flush pipe with necessary fittings all complete as per specification and instruction of engineer.	set	29.0			

Procurement Item Details

SL. No	Item Description	Unit	Quantity	Bidder's Rate(NPR)	Bidder's Rate (in words)	Total Amount(NPR)
2	Commode Set for Disabled: Providing and fixing white glazed porcelain clay EWC regular commode with s or p trap with white glazed porcelain clay 10 lit cistern complete set (internal part of cistern pvc fittings), bakelite toilet seat cover set., 15*450mm pvc pipe connector set, 600 to 900mm grab bar and stainless steel one way angle valve (grohe, hansgrohe, american standard or equivalent) with necessary fittings all complete as per specification and instruction of engineer.	set	1.0			
3	Wash Basin Set: Providing and fixing porcelain clay white glazed wash basin 50*40cm size with 32 mm pvc bottle trap set, chrome plated basin mixture, 15*450mm pvc pipe connector set, c.p. 32 mm dia waste coupling for basin and stainless steel one way angle valve (grohe, hansgrohe, american standard or equivalent) with necessary fittings all complete as per specification and instruction of engineer.	set	27.0			
4	Wash Basin Set for Disabled: Providing and fixing porcelain clay white glazed wash basin 50*40cm size with 32 mm pvc bottle trap set, chrome plated basin mixture, 15*450mm pvc pipe connector set, stainless steel one way angle valve (grohe, hansgrohe, american standard or equivalent), c.p. 32 mm dia waste coupling for basin and 600 to 900mm grab bar with necessary fittings all complete as per specification and instruction of engineer.	set	1.0			
5	Kitchen Set: Providing and fixing porcelain clay large kitchen sink with c.p. 32 mm dia waste coupling for sink, 32 mm pvc bottle trap set, c.p. 15 mm dia sink cock simple, 15*450mm pvc pipe connector set and stainless steel one way angle valve (grohe, hansgrohe, american standard or equivalent) with necessary fittings all complete as per specification and instruction of engineer.	set	3.0			

Procurement Item Details						
SL. No	Item Description	Unit	Quantity	Bidder's Rate(NPR)	Bidder's Rate (in words)	Total Amount(NPR)
6	Euro Guard Set: Providing and fixing euroguard water purification (1 lit per minute) with necessary fittings all complete as per specification and instruction of engineer.	set	8.0			
7	HDPE Water Tank: Providing and fixing 2000 ltr.pvc/hdpe water tank with inlet, outlet, over flow, cleanout hole etc. with tanki nipples with wash out plug etc. with necessary fittings all complete as per specification and instruction of engineer.	set	4.0			
8	2 HP Water Pump: Providing and fixing 2 horse power water pump with necessary fittings all complete as per specification and instruction of engineer.	set	1.0			
9	5 HP Jockey Pump: Providing and fixing 5 horse power 3 phase water pump with necessary fittings all complete as per specification and instruction of engineer.	set	1.0			
10	Motor Starter Switch: Providing and fixing motor starter switch (cromptionor eqv.) with necessary fittings all complete as per specification and instruction of engineer.	nos	2.0			
11	Pressure Senser Switch: Providing and fixing pressure sensor switch with necessary fittings all complete as per specification and instruction of engineer.	set	2.0			
12	Chrome Plate Toilet Paper Holder: Providing and fixing c. p. toilet paper holder with necessary fittings all complete as per specification and instruction of engineer.	nos	30.0			
13	Soap Dish: Providing and fixing chrome plated soap dish (polyurethane) with necessary fittings all complete as per specification and instruction of engineer.	nos	28.0			
14	Towel Rod: Providing and fixing stainless steel towel bar 450mm with necessary fittings all complete as per specification and instruction of engineer.	nos	28.0			
15	Looking Mirror: Providing and fixing looking mirror modi guard 450*600mm with necessary fittings all complete as per specification and instruction of engineer.	nos	28.0			

Procurement Item Details						
SL. No	Item Description	Unit	Quantity	Bidder's Rate(NPR)	Bidder's Rate (in words)	Total Amount(NPR)
16	Shower Set: Providing and fixing shower rose ordinary with wall mixer (single control) shower faucet (conceal system) with necessary fittings all complete as per specification and instruction of engineer.	set	7.0			
17	Chrome Plated Bib Cock: Providing and fixing chrome plated 15mm bib cock with necessary fittings all complete as per specification and instruction of engineer.	nos	30.0			
18	Commode Spray Set: Providing and fixing 15mm health faucet commode spray with stainless steel two way angle valve (jaquare, somany, essel or equivalent) and stainless steel hose ringer pipe 1.2m with necessary fittings all complete as per specification and instruction of engineer.	nos	30.0			
19	CP Grating: Providing and fixing 4" dia. cp grating with necessary fittings all complete as per specification and instruction of engineer.	nos.	77.0			
20	MS Seamless Pipe: Providing and fixing MS pipe seamless size 101.6mm OD, SCH 40, 5.74mm thickness-ASTM-A-106 with necessary fittings all complete as per specification and instruction of engineer.	Rm	132.0			
21	HDPE Pipe 200mm: Providing and fixing 200 mm dia HDPE Pipe NS 40 mark 6kg/cm2, with necessary fittings, NS testing the pipe line by the smokig test rectifying the leakage if any, all complete as per the specification and instruction all complete as per specification and instruction of engineer.	Rm	135.0			
22	HDPE Pipe 160mm: Providing and fixing 160 mm dia HDPE Pipe NS 40 mark 6kg/cm2, with necessary fittings, NS testing the pipe line by the smokig test rectifying the leakage if any, all complete as per the specification and instruction all complete as per specification and instruction of engineer.	Rm	135.0			

Procurement Item Details						
SL. No	Item Description	Unit	Quantity	Bidder's Rate(NPR)	Bidder's Rate (in words)	Total Amount(NPR)
23	HDPE Pipe 110m: Providing and fixing 110 mm dia HDPE Pipe NS 40 mark 6kg/cm ² , with necessary fittings, NS testing the pipe line by the smokig test rectifying the leakage if any, all complete as per the specification and instruction all complete as per specification and instruction of engineer.	Rm	30.0			
24	UPVC Pipe 160mm: Providing and fixing 160 mm dia upvc pipe 4kg/cm ² with necessary fittings, NS testing the pipe line by the smokig test rectifying the leakage if any, all complete as per the specification and instruction all complete as per specification and instruction of engineer.	Rm	28.98			
25	UPVC Pipe 110mm: Providing and fixing 110 mm dia upvc pipe 4kg/cm ² with necessary fittings, NS testing the pipe line by the smokig test rectifying the leakage if any, all complete as per the specification and instruction all complete as per specification and instruction of engineer.	Rm	366.2			
26	UPVC Pipe 75mm: Providing and fixing 75mm upvc pipe 4kg/cm ² with necessary fittings, NS testing the pipe line by the smokig test rectifying the leakage if any, all complete as per the specification and instruction all complete as per specification and instruction of engineer.	Rm	236.8			
27	UPVC Pipe 50mm: Providing and fixing 50mm upvc pipe 6kg/cm ² with necessary fittings, NS testing the pipe line by the smokig test rectifying the leakage if any, all complete as per the specification and instruction all complete as per specification and instruction of engineer.	Rm	54.68			

Procurement Item Details						
SL. No	Item Description	Unit	Quantity	Bidder's Rate(NPR)	Bidder's Rate (in words)	Total Amount(NPR)
28	CPVC Pipe 15mm: Providing and fixing 15 mm cpvc pipe sdr 11 cts, 28 kg/cm2 with CPVC fittings/ specials(Tees, elbows, Unions etc) clamps (m.s. plate with nut and bolt with hexagonal screws for clamp in ceiling,wall), nails, including jointing materials, installation of pipes and specials including making holes on walls or floor and repairing the sams to its original finish, all complete set as per specification and instruction of engineer.	Rm	76.0			
29	CPVC Pipe 20mm: Providing and fixing 20 mm cpvc pipe sdr 11 cts, 28 kg/cm2 with CPVC fittings/ specials(Tees, elbows, Unions etc) clamps (m.s. plate with nut and bolt with hexagonal screws for clamp in ceiling,wall), nails, including jointing materials, installation of pipes and specials including making holes on walls or floor and repairing the sams to its original finish, all complete set as per specification and instruction of engineer.	Rm	201.0			
30	CPVC Pipe 25mm: Providing and fixing 25 mm cpvc pipe sdr 11 cts, 28 kg/cm2 with CPVC fittings/ specials(Tees, elbows, Unions etc) clamps (m.s. plate with nut and bolt with hexagonal screws for clamp in ceiling,wall), nails, including jointing materials, installation of pipes and specials including making holes on walls or floor and repairing the sams to its original finish, all complete set as per specification and instruction of engineer.	Rm	83.4			
31	CPVC Pipe 32mm: Providing and fixing 32 mm cpvc pipe sdr 11 cts, 28 kg/cm2 with CPVC fittings/ specials(Tees, elbows, Unions etc) clamps (m.s. plate with nut and bolt with hexagonal screws for clamp in ceiling,wall), nails, including jointing materials, installation of pipes and specials including making holes on walls or floor and repairing the sams to its original finish, all complete set as per specification and instruction of engineer.	Rm	192.0			

Procurement Item Details						
SL. No	Item Description	Unit	Quantity	Bidder's Rate(NPR)	Bidder's Rate (in words)	Total Amount(NPR)
32	CPVC Pipe 40mm: Providing and fixing 40 mm CPVC Pipe SDR 11 CTS, 28 kg/cm2 with CPVC fittings/ specials(Tees, elbows, Unions etc) clamps (m. s. plate with nut and bolt with hexagonal screws for clamp in ceiling,wall), nails, including jointing materials, installation of pipes and specials including making holes on walls or floor and repairing the sams to its original finish, all complete set as per specification and instruction of engineer.	Rm	135.8			
33	CPVC Ball Valve (CTS Sockets) 20mm: Providing and fixing 20 mm cpvc pipe sdr 11 cts, 28 kg/cm2 with necessary fittings all complete as per specification and instruction of engineer.	nos	68.0			
34	CPVC Ball Valve (CTS Sockets) 25mm: Providing and fixing 25 mm cpvc pipe sdr 11 cts, 28 kg/cm2 with necessary fittings all complete as per specification and instruction of engineer.	nos	13.0			
35	CPVC Ball Valve (CTS Sockets) 32mm: Providing and fixing 32 mm cpvc pipe sdr 11 cts, 28 kg/cm2 with necessary fittings all complete as per specification and instruction of engineer.	nos	9.0			
36	CPVC Ball Valve (CTS Sockets) 40mm: Providing and fixing 40 mm cpvc pipe sdr 11 cts, 28 kg/cm2 with necessary fittings all complete as per specification and instruction of engineer.	nos	4.0			
37	Fire Extingusher 5 kg: Providing and fixing 6 kg Fire extingusher ABC type Minimax, eversafe or equivalent with necessary fittings all complete as per specification and instruction of engineer.	nos	8.0			
38	Gully Trap Set: Providing and fixing gully trap with gratings with necessary fittings all complete as per specification and instruction of engineer.	set	18.0			
39	Sluice Sink: Providing and fixing stainless steel deep Sluice sink. with necessary fittings all complete as per specification and instruction of engineer.	set	2.0			

Procurement Item Details						
SL. No	Item Description	Unit	Quantity	Bidder's Rate(NPR)	Bidder's Rate (in words)	Total Amount(NPR)
40	Autoclave Sink: Providing and fixing stainless steel deep autoclave sink. with necessary fittings all complete as per specification and instruction of engineer.	set	2.0			
41	Steel Deep Sink: Providing and fixing stainless steel deep sink 450x450x300mm size. with necessary fittings all complete as per specification and instruction of engineer.	set	4.0			
42	Urinal Set: Providing and fixing porcelain clay white glaze large flat back urinal 61*41*38cm size with c.p. 32mm dia waste coupling for urinals., 15 mm urinal auto-closing valve with built in control cock with necessary fittings all complete as per specification and instruction of engineer.	set	12.0			
43	Division Plate: Providing and fixing white glaze porcelain clay (68x30)cm division plate with necessary fittings all complete as per specification and instruction of engineer.	set	12.0			
44	Hand Dryer Set: Providing and fixing chinese hand dryer with necessary fittings all complete as per specification and instruction of engineer.	set	36.0			
45	Multi Floor Trap: Providing and fixing 110mm*75mm multi floor trap (upvc) with necessary fittings all complete as per specification and instruction of engineer.	nos	39.0			
46	Nahani Trap : Providing and fixing 110mm*75mm nahani trap (upvc) with necessary fittings all complete as per specification and instruction of engineer.	nos	24.0			
47	Deep Scrub Sink: Providing and fixing 28"x28"x24" deep+ 6" splash deep scrub sink with 32 mm pvc bottle trap set, 15*450mm pvc pipe connector set, stainless steel one way angle valve (grohe, hansgrohe, american standard or equivalent), single lever surgical purpose elbow action basin mixer with extended operating lever and c.p. 32 mm dia waste coupling for sink with necessary fittings all complete as per specification and instruction of engineer.	set	4.0			

Procurement Item Details						
SL. No	Item Description	Unit	Quantity	Bidder's Rate(NPR)	Bidder's Rate (in words)	Total Amount(NPR)
48	CP Glass Shelf: Providing and fixing chrome plated glass shelf with necessary fittings all complete as per specification and instruction of engineer.	set	28.0			
49	GM Gate Valve 100mm: Providing and fixing 100mm gm gate valve with necessary fittings all complete as per specification and instruction of engineer.	nos	2.0			
50	GM Check Valve 40mm: Providing and fixing 40mm gm check valve with necessary fittings all complete as per specification and instruction of engineer.	nos	6.0			
51	GM Check Valve 100mm: Providing and fixing 100mm gm check valve with necessary fittings all complete as per specification and instruction of engineer.	nos	8.0			
52	Fire Hydrant Station: Providing and fixing Landing valve ISI marked is : 5290, Hose box 18 gauge mild steel, 75x60x25cm (30"x24"x10") to accommodate two hose length of 15 meters each and one branch pipes with locking arrangement, 2 lengths Jayashree RRL hose (ISI is : 636 in 15 meter length with male and female coupling dully binded with wires, Branch pipe short GM.)(minimax) with necessary fittings all complete as per specification and instruction of engineer.	set	8.0			
53	Fire Pump 20HP: Providing and fixing fire pump 20 hp two pump set with panel board, pressure gauge and accessories kiloskar or eqv with necessary fittings all complete as per specification and instruction of engineer.	set	2.0			
54	75mm*110mm UPVC reducer:- Unplasticised Poly Vinyl Chloride valve including jointing materials. all complete set as per specification and instruction. (Astral, Ajay, ashivad, Hilltake, Mangalam, Panchakanya, or equivalent)	nos	9.0			
55	160mm*110mm UPVC reducer:- Unplasticised Poly Vinyl Chloride valve including jointing materials. all complete set as per specification and instruction. (Astral, Ajay, ashivad, Hilltake, Mangalam, Panchakanya, or equivalent)	nos	6.0			

Procurement Item Details						
SL. No	Item Description	Unit	Quantity	Bidder's Rate(NPR)	Bidder's Rate (in words)	Total Amount(NPR)
56	110mm y bend UPVC:- Unplasticised Poly Vinyl Chloride valve including jointing materials. all complete set as per specification and instruction. (Astral, Ajay, ashivad, Hilltake, Mangalam, Panchakanya, or equivalent)	nos	33.0			
57	75mm y bend UPVC:- Unplasticised Poly Vinyl Chloride valve including jointing materials. all complete set as per specification and instruction. (Astral, Ajay, ashivad, Hilltake, Mangalam, Panchakanya, or equivalent)	nos	72.0			
58	110mm 45 degree bend UPVC:- Unplasticised Poly Vinyl Chloride valve including jointing materials. all complete set as per specification and instruction. (Astral, Ajay, ashivad, Hilltake, Mangalam, Panchakanya, or equivalent)	nos	26.0			
59	75mm 45 degree bend UPVC:- Unplasticised Poly Vinyl Chloride valve including jointing materials. all complete set as per specification and instruction. (Astral, Ajay, ashivad, Hilltake, Mangalam, Panchakanya, or equivalent)	nos	46.0			
60	50mm 45 degree bend UPVC:- Unplasticised Poly Vinyl Chloride valve including jointing materials. all complete set as per specification and instruction. (Astral, Ajay, ashivad, Hilltake, Mangalam, Panchakanya, or equivalent)	nos	5.0			
61	110mm 90 degree bend PVC:- Unplasticised Poly Vinyl Chloride valve including jointing materials. all complete set as per specification and instruction. (Astral, Ajay, ashivad, Hilltake, Mangalam, Panchakanya, or equivalent)	nos	57.0			
62	50mm 90 degree bend PVC:- Unplasticised Poly Vinyl Chloride valve including jointing materials. all complete set as per specification and instruction. (Astral, Ajay, ashivad, Hilltake, Mangalam, Panchakanya, or equivalent)	nos	137.0			
63	160mm UPVC Pipe Clip:- Unplasticised Poly Vinyl Chloride valve including jointing materials. all complete set as per specification and instruction. (Astral, Ajay, ashivad, Hilltake, Mangalam, Panchakanya, or equivalent)	nos	29.0			

Procurement Item Details						
SL. No	Item Description	Unit	Quantity	Bidder's Rate(NPR)	Bidder's Rate (in words)	Total Amount(NPR)
64	110mm UPVC Pipe Clip:- Unplasticised Poly Vinyl Chloride valve including jointing materials. all complete set as per specification and instruction. (Astral, Ajay, ashivad, Hilltake, Mangalam, Panchakanya, or equivalent)	nos	307.0			
65	75mm UPVC Pipe Clip:- Unplasticised Poly Vinyl Chloride valve including jointing materials. all complete set as per specification and instruction. (Astral, Ajay, ashivad, Hilltake, Mangalam, Panchakanya, or equivalent)	nos	115.0			
66	50mm UPVC Pipe Clip:- Unplasticised Poly Vinyl Chloride valve including jointing materials. all complete set as per specification and instruction. (Astral, Ajay, ashivad, Hilltake, Mangalam, Panchakanya, or equivalent)	nos	30.0			
67	50mm Tee :-Unplasticised Poly Vinyl Chloride valve including jointing materials. all complete set as per specification and instruction. (Astral, Ajay, ashivad, Hilltake, Mangalam, Panchakanya, or equivalent)	nos	9.0			
68	110mm Tee :-Unplasticised Poly Vinyl Chloride valve including jointing materials. all complete set as per specification and instruction. (Astral, Ajay, ashivad, Hilltake, Mangalam, Panchakanya, or equivalent)	nos	14.0			
69	110mm double Tee With Door :- Unplasticised Poly Vinyl Chloride valve including jointing materials. all complete set as per specification and instruction. (Astral, Ajay, ashivad, Hilltake, Mangalam, Panchakanya, or equivalent)	nos	1.0			
70	75mm double Tee With Door :- Unplasticised Poly Vinyl Chloride valve including jointing materials. all complete set as per specification and instruction. (Astral, Ajay, ashivad, Hilltake, Mangalam, Panchakanya, or equivalent)	nos	3.0			
71	160mm vent cowl :- Unplasticised Poly Vinyl Chloride valve including jointing materials. all complete set as per specification and instruction. (Astral, Ajay, ashivad, Hilltake, Mangalam, Panchakanya, or equivalent)	nos	2.0			

Procurement Item Details						
SL. No	Item Description	Unit	Quantity	Bidder's Rate(NPR)	Bidder's Rate (in words)	Total Amount(NPR)
72	110mm vent cowl :- Unplasticised Poly Vinyl Chloride valve including jointing materials. all complete set as per specification and instruction. (Astral, Ajay, ashivad, Hilltake, Mangalam, Panchakanya, or equivalent)	nos	9.0			
73	75mm vent cowl :-Unplasticised Poly Vinyl Chloride valve including jointing materials. all complete set as per specification and instruction. (Astral, Ajay, ashivad, Hilltake, Mangalam, Panchakanya, or equivalent)	nos	9.0			
74	75mm single Tee With Door :- Unplasticised Poly Vinyl Chloride valve including jointing materials. all complete set as per specification and instruction. (Astral, Ajay, ashivad, Hilltake, Mangalam, Panchakanya, or equivalent)	nos	13.0			
75	110mm single Tee With Door :- Unplasticised Poly Vinyl Chloride valve including jointing materials. all complete set as per specification and instruction. (Astral, Ajay, ashivad, Hilltake, Mangalam, Panchakanya, or equivalent)	nos	14.0			
76	160mm single Tee With Door :- Unplasticised Poly Vinyl Chloride valve including jointing materials. all complete set as per specification and instruction. (Astral, Ajay, ashivad, Hilltake, Mangalam, Panchakanya, or equivalent)	nos	6.0			
77	75mm cleaning plug :- Unplasticised Poly Vinyl Chloride valve including jointing materials. all complete set as per specification and instruction. (Astral, Ajay, ashivad, Hilltake, Mangalam, Panchakanya, or equivalent)	nos	34.0			
78	110mm cleaning plug :- Unplasticised Poly Vinyl Chloride valve including jointing materials. all complete set as per specification and instruction. (Astral, Ajay, ashivad, Hilltake, Mangalam, Panchakanya, or equivalent)	nos	15.0			
79	Gun metal two way collection head with 63mm dia. Insteintaneous type inlet including built in check valve for Fire Bridgade connection to under ground water tank or hose reel Minimax or equivalent	set	2.0			

Procurement Item Details						
SL. No	Item Description	Unit	Quantity	Bidder's Rate(NPR)	Bidder's Rate (in words)	Total Amount(NPR)
80	Rainwater Gutter :-Providing and fixing rainwater gutter along the roof edge. all complete set as per specification and instruction.	rm	50.0			
2.3.2 Civil Works						
Procurement Item Details						
SL. No	Item Description	Unit	Quantity	Bidder's Rate(NPR)	Bidder's Rate (in words)	Total Amount(NPR)
1	Clearing and grubbing the site for construction by removing 150mm thick top soil including bushes, small trees, leveling of undulated ground, shorting and stacking/storing selected top soil for reuse in landscaping works, disposing unsuitable materials from site, etc., all complete as per drawings, specifications and instructions of the Engineer.	Sq.m.	70.29			
2	Excavation in foundations in all type of soils for foundation, trenches, footing, pits etc. to the required depth including dewatering by manual or mechanical means etc. as per specifications with all contractor's own machinery and equipment's, providing crossing of track, shoring, strutting, timbering and buttressing with appropriate materials and all such measures necessary to retain in position the sides of the foundation pit and including refilling the excavated material with watering, ramming, leveling the site and disposing off the surplus/unusable earth to outside the construction premises, etc. all complete as per drawings, specifications and instructions of the Engineer.	Cu.m.	37.21			
3	Back filling in foundation and sides of foundation with approved soil obtained from the excavation at site and stacked at site or brought from outside in layer not exceeding 15 cm thick (compacted thickness) including transportation of soil, spreading in required line and level, sprinkling water, ramming, compacting with mechanical rammers, testing, etc., all complete as per drawing, specification and instructions of the Engineer.	Cu.m.	4.87			

Procurement Item Details						
SL. No	Item Description	Unit	Quantity	Bidder's Rate(NPR)	Bidder's Rate (in words)	Total Amount(NPR)
4	Providing and laying uncoursed hand packed Dry Rubble Stone soling in foundation, under floor plinth with out any special dressing of stone including filling interstices with suitable quarry waste or stone chips or quarry sand, watering, compacting using appropriate mechanical compaction means with all contractors materials, handling, placing etc. all complete as per drawings, specifications and instruction of the Engineer. The complete item including all lead & lift.	Cu.m.	10.53			
5	Providing & laying stonework in 1:6 C/S mortar in perfect line level finish including the cost of single or multi stage scaffolding, provision for recesses, openings, toothing and curing the work for at least 7 days as per specification, drawings & instructions of the site engineer.	Cu.m.	31.84			
6	Providing and laying machine mixed Plain Cement Concrete of nominal mix 1:3:6 (1 cement : 3 sand : 6 coarse aggregate) for leveling course in foundations and under floor of building, etc. in all level with broken stone aggregate of size not more than 25 mm of approved quality including formwork wherever necessary, dewatering, batching, mixing, transporting, placing, compacting, curing, including all lead and lift, etc. all complete as per drawings, specifications and the instructions of the Engineer.	Cum	6.83			
7	Providing and applying at all levels and shape 20 mm thick cement plaster in building exterior in specified cement mortar with 1:4 (1 cement :4 fine sand) in all surface at all height including mixing mortar, laying in perfect line, level and plumb and finishing in regular and even surface including all necessary single or multi-stage scaffolding, making grooves and recesses, throating, dusting, dripping, wetting, curing, protection, etc., all complete as per drawing , specification and instruction of the Engineer.	Sq.m.	65.8			

Procurement Item Details						
SL. No	Item Description	Unit	Quantity	Bidder's Rate(NPR)	Bidder's Rate (in words)	Total Amount(NPR)
8	Providing and finishing a final surface with 3mm thick cement punning as per drawing, specification and instruction of site engineer.	Sq.m.	65.8			
9	Providing, fabricating and fixing in position 5mm*20mm mild steel strip at 25mm centre to centre with required fittings as per drawings, fixing in position using approved fasteners including red oxide paint etc., all complete as detailed in drawing, specification and instructions of the Engineer.	R.m.	94.0			
10	Providing, fabricating and fixing in position 25mm*25mm*5mm mild steel angle at edges of MS strip with required fittings as per drawings, fixing in position using approved fasteners including red oxide paint etc., all complete as detailed in drawing, specification and instructions of the Engineer.	R.m.	188.0			

Chapter: Special Conditions of Contract (SCC)

Sl. No.	Relevant Clause No / Name	Existing Clause	Modified Clause
1	GCC 53.1 (PACONSTANT)	1	

Chapter: Price Adjustment

New Values	Base Price of Construction Materials applicable for price adjustment shall be as per the Table of Adjustment Data submitted by Bidder together with the Letter of Bid which is approved by the Project manager and attached as Annex-1				
	Sl. No.	Construction Material	Unit	Base Price (NRs/Unit) (Ex-	Source (Factory)
	1	0	0	0.00	0