

ORIGINAL

Section - 4

**FORM OF BID AND QUALIFICATION
INFORMATION**

Form of Bid

No	Item Code	Material	Unit	Rate
1	B-07 & B-34	Excavation depth 0-1.5m (with back filling)	m3	
2	B-12 & B-34	Excavation depth 1.5-3.0m	m3	
3	B-17 & B-34	Excavation depth above 3.0m	m3	
4	B-01	Bed Preparation	m2	
5	B-23	Earth work support 0-1.5m	m2	
6	B-23A	Earth work support 1.5-2.0m	m2	
7	B-24	Earth work support above 2.0m	m2	
8	B-25	Backfilling	m3	
9	D-02	Form Work	m2	
10	E-04	Reinforcement	Kg	
11	C-03	Concrete 1:3:6 (25mm)	m3	
12	C-05	Concrete 1:2:4 (20mm)	m3	
13		Concrete 1:1 1/2:3 (20mm)	m4	
14	K-01	Plastering 1:3 cement motar	m2	
15	B -29	Quarry Dust 4.5mm	m3	
16		600mm DI cover	Nos	
17		Steps	Nos	
18		Transporting fixing and placing DI cover	Nos	
19		Hume Pipe NP2 - 300mm diameter	Lm	
20		Hume Pipe NP2 - 375mm diameter	Lm	
21		Hume Pipe NP2 - 450mm diameter	Lm	
22		Hume Pipe NP2 - 600mm diameter	Lm	
23		Hume Pipe NP2 - 750mm diameter	Lm	
24		Hume Pipe NP2 - 900mm diameter	Lm	
25		Hume Pipe NP3 - 300mm diameter	Lm	
26		Hume Pipe NP3 - 450mm diameter	Lm	
27		Hume Pipe NP3 - 600mm diameter	Lm	
28		Hume Pipe NP3 - 900mm diameter	Lm	
29		Hume Pipe NP3 - 1000mm diameter	Lm	
30		Allow for connections	Item	
31		P.V.C.Pipe - 110 mm Diameter	Lm	
32		P.V.C.Pipe - 160 mm Diameter	Lm	
33		P.V.C.Pipe - 225 mm Diameter	Lm	
34		P.V.C.Pipe - 300 mm Diameter	Lm	
35		Excavation only 1.5m	m3	
36		Excavation depth 1.5-3.0m	m3	
37		Excavation depth above 3.0m	m3	
38		Back filling imported soil	m3	
39	B21	Back filling with Qurry dust	m4	
40		disposal	m3	
41	AA01	Skill Labour	1 Hr	
42	AA02	Unskill	1 Hr	
43	BO -146	Crane	1 Hr	
44	BO -001	Operator	1 Hr	

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45	BO -004	Unskill labour (2Nrs x 1Hr)	1 Hr	
46		Supply and laying of 300mm dia NP2 Hume pipes to approved gradient on concrete base.(concreting and shoring will be paid seperately) Item shall include excavation in trenches, preparation of surfaces, removal of excess earth shoring, dewatering, backfilling and compaction with suitable available or imported material by 150 mm thick compacted layers provide, 300mm thick quarry dust filling on top of the hume pipe provide, lay and join to complete working order.		
		Depth 0- 1.0m	m	
		Depth 1.0- 1.5m	m	
		Depth 1.5- 2.0m	m	
		Depth 2.0- 2.5m	m	
		Depth 2.5- 3.0m	m	
		Depth 3.0- 3.5m	m	
		Depth 3.5- 4.0m	m	
47		Supply and laying of 450mm dia NP2 Hume pipes to approved gradient on concrete base.(concreting and shoring will be paid seperately) Item shall include excavation in trenches, preparation of surfaces, removal of excess earth shoring, dewatering, backfilling and compaction with suitable available or imported material by 150 mm thick compacted layers provide, 300mm thick quarry dust filling on top of the hume pipe provide, lay and join to complete working order.		
		Depth 0- 1.0m	m	
		Depth 1.0- 1.5m	m	
		Depth 1.5- 2.0m	m	
		Depth 2.0- 2.5m	m	
		Depth 2.5- 3.0m	m	
		Depth 3.0- 3.5m	m	
		Depth 3.5- 4.0m	m	

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48		Supply and laying of 450mm dia NP3 Hume pipes to approved gradient on concrete base.(concreting and shoring will be paid seperately) Item shall include excavation in trenches, preparation of surfaces, removal of excess earth shoring, dewatering, backfilling and compaction with suitable available or imported material by 150 mm thick compacted layers provide, 300mm thick quarry dust filling on top of the hume pipe provide, lay and join to complete working order.		
		Depth 0- 1.0m	m	
		Depth 1.0- 1.5m	m	
		Depth 1.5- 2.0m	m	
		Depth 2.0- 2.5m	m	
		Depth 2.5- 3.0m	m	
		Depth 3.0- 3.5m	m	
		Depth 3.5- 4.0m	m	
49		Supply and laying of 600mm dia NP2 Hume pipes to approved gradient on concrete base.(concreting and shoring will be paid seperately) Item shall include excavation in trenches, preparation of surfaces, removal of excess earth shoring, dewatering, backfilling and compaction with suitable available or imported material by 150 mm thick compacted layers provide, 300mm thick quarry dust filling on top of the hume pipe provide, lay and join to complete working order.		
		Depth 0- 1.0m	m	
		Depth 1.0- 1.5m	m	
		Depth 1.5- 2.0m	m	
		Depth 2.0- 2.5m	m	
		Depth 2.5- 3.0m	m	
		Depth 3.0- 3.5m	m	
		Depth 3.5- 4.0m	m	
50		Supply and laying of 600mm dia NP3 Hume pipes to approved gradient on concrete base.(concreting and shoring will be paid seperately) Item shall include excavation in trenches, preparation of surfaces, removal of excess earth shoring, dewatering, backfilling and compaction with suitable available or imported material by 150 mm thick compacted layers provide, 300mm thick quarry dust filling on top of the hume pipe provide, lay and join to complete working order.		

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		Depth 0- 1.0m	m	
		Depth 1.0- 1.5m	m	
		Depth 1.5- 2.0m	m	
		Depth 2.0- 2.5m	m	
		Depth 2.5- 3.0m	m	
		Depth 3.0- 3.5m	m	
		Depth 3.5- 4.0m	m	
51		Supply and laying of 750mm dia NP2 Hume pipes to approved gradient on concrete base.(concreting and shoring will be paid seperately) Item shall include excavation in trenches, preparation of surfaces, removal of excess earth shoring, dewatering, backfilling and compaction with suitable available or imported material by 150 mm thick compacted layers provide, 300mm thick quarry dust filling on top of the hume pipe provide, lay and join to complete working order.		
		Depth up to 1.5m	m	
		Depth 1.5- 2.0m	m	
		Depth 2.0- 2.5m	m	
		Depth 2.5- 3.0m	m	
		Depth 3.0- 3.5m	m	
		Depth 3.5- 4.0m	m	
52		Supply and laying of 750mm dia NP3 Hume pipes to approved gradient on concrete base.(concreting and shoring will be paid seperately) Item shall include excavation in trenches, preparation of surfaces, removal of excess earth shoring, dewatering, backfilling and compaction with suitable available or imported material by 150 mm thick compacted layers provide, 300mm thick quarry dust filling on top of the hume pipe provide, lay and join to complete working order.		
		Depth up to 1.5m	m	
		Depth 1.5- 2.0m	m	
		Depth 2.0- 2.5m	m	
		Depth 2.5- 3.0m	m	
		Depth 3.0- 3.5m	m	
		Depth 3.5- 4.0m	m	

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53		Supply and laying of 900mm dia NP2 Hume pipes to approved gradient on concrete base.(concreting and shoring will be paid seperately) Item shall include excavation in trenches, preparation of surfaces, removal of excess earth shoring, dewatering, backfilling and compaction with suitable available or imported material by 150 mm thick compacted layers provide, 300mm thick quarry dust filling on top of the hume pipe provide, lay and join to complete working order.		
		Depth up to 1.5m	m	
		Depth 1.5- 2.0m	m	
		Depth 2.0- 2.5m	m	
		Depth 2.5- 3.0m	m	
		Depth 3.0- 3.5m	m	
		Depth 3.5- 4.0m	m	
		Depth 4.0- 4.5m	m	

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54		Supply and laying of 900mm dia NP3 Hume pipes to approved gradient on concrete base.(concreting and shoring will be paid seperately) Item shall include excavation in trenches, preparation of surfaces, removal of excess earth shoring, dewatering, backfilling and compaction with suitable available or imported material by 150 mm thick compacted layers provide, 300mm thick quarry dust filling on top of the hume pipe provide, lay and join to complete working order.		
		Depth 0- 1.5m	m	
		Depth 1.5- 2.0m	m	
		Depth 2.0- 2.5m	m	
		Depth 2.5- 3.0m	m	
		Depth 3.0- 3.5m	m	
		Depth 3.5- 4.0m	m	
		Depth 4.0- 4.5m	m	
55		Provide lay and join spigot and socket grade 600 UPVC pipes of nominal bore 110mm diameter in open trenches.Item shall include , excavation in trenches, preparation of surfaces, Removal of excess earth, form work, shoring ,dewatering , backfilling and compaction with suitable available or imported materials by 150mm thick compacted layers Lay and join to complete working order .Rate to include for 300mm thick Quarry dust layer on to of the UPVC pipe as per detail drawing.(Concrete and shoring work will be paid seperatly) Rate for 12m pipe length		
		Depth 0- 1.0m	2NOs	
		Depth 1.0- 1.5m	2NOs	
		Depth 1.5- 2.0m	2NOs	

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56		Provide lay and join spigot and socket grade 600 UPVC pipes of nominal bore 160mm diameter in open trenches.Item shall include , excavation in trenches, preparation of surfaces, Removal of excess earth, form work, shoring ,dewatering , backfilling and compaction with suitable available or imported materials by 150mm thick compacted layers Lay and join to complete working order .Rate to include for 300mm thick Quarry dust layer on to of the UPVC pipe as per detail drawing.(Concrete and shoring work will be paid seperatly) Rate for 12m pipe length		
		Depth 0- 1.0m	2NOs	
		Depth 1.0- 1.5m	2NOs	
		Depth 1.5- 2.0m	2NOs	
		Depth 2.0- 2.5m	2NOs	
		Depth 2.5- 3.0m	2NOs	
		Depth 3.0-3.5m	2NOs	
		Depth 3.5- 4.0m	2NOs	
57		Provide lay and join spigot and socket grade 600 UPVC pipes of nominal bore 225mm diameter in open trenches.Item shall include , excavation in trenches, preparation of surfaces, Removal of excess earth, form work, shoring ,dewatering , backfilling and compaction with suitable available or imported materials by 150mm thick compacted layers Lay and join to complete working order .Rate to include for 300mm thick Quarry dust layer on to of the UPVC pipe as per detail drawing.(Concrete and shoring work will be paid seperatly) Rate for 12m pipe length		
		Depth 0- 1.0m	2NOs	
		Depth 1.0- 1.5m	2NOs	
		Depth 1.5- 2.0m	2NOs	
		Depth 2.0- 2.5m	2NOs	
		Depth 2.5- 3.0m	2NOs	
		Depth 3.0-3.5m	2NOs	
		Depth 3.5- 4.0m	2NOs	
		Depth 4.0- 4.5m	2NOs	
		Depth 4.5-5.0m	2NOs	
		Depth 5.0-5.5m	2NOs	

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58		Provide lay and join spigot and socket grade 600 UPVC pipes of nominal bore 300mm diameter in open trenches.Item shall include , excavation in trenches, preparation of surfaces, Removal of excess earth, form work, shoring ,dewatering , backfilling and compaction with suitable available or imported materials by 150mm thick compacted layers Lay and join to complete working order .Rate to include for 300mm thick Quarry dust layer on to of the UPVC pipe as per detail drawing.(Concrete and shoring work will be paid seperatly) Rate for 12m pipe length		
		Depth 0- 1.0m	2NOs	
		Depth 1.0- 1.5m	2NOs	
		Depth 1.5- 2.0m	2NOs	
		Depth 2.0- 2.5m	2NOs	
		Depth 2.5- 3.0m	2NOs	
		Depth 3.0-3.5m	2NOs	
		Depth 3.5- 4.0m	2NOs	
		Depth 4.0- 4.5m	2NOs	
		Depth 4.5-5.0m	2NOs	
59		Construction of 600X 600mm internal dimensions, 75mm thick screed with 1:3:6 (25mm) cement concrete & 150mm thick base and walls with 1:11/2:3(20mm) concrete, single reinforced rectangular manholes.Rate to include for 1:3 cement sand plaster in benching and concrete walls should have a satisfactory smooth finish ,Item shall include excavation, removal of excess earth, shoring, preparation of surface, dewatering, backfilling and compaction with suitable available/imported material 150mm thick compacted layers. Form work, concrete work single reinforcement, connection of pipe ends, providing and fixing of D 400 Type clear opening of 600mm Diameter D.I.Cover & Frame, comply with (BS. EN.124) & 25mm diameter hot dip galvanized steps at 300mm c/c.Comply with (BS.EN. ISO 1461 : 2009).		
		Invert Depth 0.50m	No	
		Invert Depth 1.0m	No	
		Invert Depth 1.5m	No	

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60		Construction of 750X 750mm internal dimensions, 75mm thick screed with 1:3:6 (25mm) cement concrete & 200mm thick base and walls with 1:11/2:3(20mm) concrete, single reinforced rectangular manholes.Rate to include for 1:3 cement sand plaster in benching and concrete walls should have a satisfactory smooth finish ,Item shall include excavation, removal of excess earth, shoring, preparation of surface, dewatering, backfilling and compaction with suitable available/imported material 150mm thick compacted layers. Form work, concrete work single reinforcement, connection of pipe ends, providing and fixing of D 400 Type clear opening of 600mm Diameter D.I.Cover & Frame, comply with (BS. EN.124) & 25mm diameter hot dip galvanized steps at 300mm c/c.Comply with (BS.EN. ISO 1461 : 2009).		
		Invert Depth 0.50m	No	
		Invert Depth 1.0m	No	
		Invert Depth 1.5m	No	
		Invert Depth 2.0m	No	
61		Construction of 750X 900mm internal dimensions, 75mm thick screed with 1:3:6 (25mm) cement concrete & 200mm thick base and walls with 1:11/2:3(20mm) concrete, single reinforced rectangular manholes.Rate to include for 1:3 cement sand plaster in benching and concrete walls should have a satisfactory smooth finish ,Item shall include excavation, removal of excess earth, shoring, preparation of surface, dewatering, backfilling and compaction with suitable available/imported material 150mm thick compacted layers. Form work, concrete work single reinforcement, connection of pipe ends, providing and fixing of D 400 Type clear opening of 600mm Diameter D.I.Cover & Frame, comply with (BS. EN.124) & 25mm diameter hot dip galvanized steps at 300mm c/c.Comply with (BS.EN. ISO 1461 : 2009).		
		Invert Depth 1.0m	No	
		Invert Depth 1.5m	No	
		Invert Depth 2.0m	No	

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62	Construction of 750X 900mm internal dimensions, 75mm thick screed with 1:3:6 (25mm) cement concrete & 200mm thick base and walls with 1:11/2:3(20mm) concrete, single reinforced rectangular manholes.Rate to include for 1:3 cement sand plaster in benching and concrete walls should have a satisfactory smooth finish ,Item shall include excavation, removal of excess earth, shoring, preparation of surface, dewatering, backfilling and compaction with suitable available/imported material 150mm thick compacted layers. Form work, concrete work double reinforcement, connection of pipe ends, providing and fixing of D 400 Type clear opening of 600mm Diameter D.I.Cover & Frame, comply with (BS. EN.124) & 25mm diameter hot dip galvanized steps at 300mm c/c.Comply with (BS.EN. ISO 1461 : 2009).		
	Invert Depth 2.0m	No	
	Invert Depth 2.0m Imp: soil	No	
	Invert Depth 2.5m	No	
	Invert Depth 2.5m Imp: soil	No	
	Invert Depth 3.0m	No	
	Invert Depth 3.0m Imp: soil	No	
	Invert Depth 3.5m	No	
	Invert Depth 3.5m Imp: soil	No	
	Invert Depth 4.0m	No	
	Invert Depth 4.0m Imp: soil	No	

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63		Construction of 1200X 900mm internal dimensions, 75mm thick screed with 1:3:6 (25mm) cement concrete & 200mm thick base and walls with 1:11/2:3(20mm) concrete, single reinforced rectangular manholes. Rate to include for 1:3 cement sand plaster in benching and concrete walls should have a satisfactory smooth finish, Item shall include excavation, removal of excess earth, shoring, preparation of surface, dewatering, backfilling and compaction with suitable available/imported material 150mm thick compacted layers. Form work, concrete work single reinforcement, connection of pipe ends, providing and fixing of D 400 Type clear opening of 600mm Diameter D.I. Cover & Frame, comply with (BS. EN.124) & 25mm diameter hot dip galvanized steps at 300mm c/c. Comply with (BS. EN. ISO 1461 : 2009).		
		Invert Depth 1.0m	No	
		Invert Depth 1.5m	No	
		Invert Depth 2.0m	No	
64		Construction of 1200X 900mm internal dimensions, 75mm thick screed with 1:3:6 (25mm) cement concrete & 200mm thick base and walls with 1:11/2:3(20mm) concrete, single reinforced rectangular manholes. Rate to include for 1:3 cement sand plaster in benching and concrete walls should have a satisfactory smooth finish, Item shall include excavation, removal of excess earth, shoring, preparation of surface, dewatering, backfilling and compaction with suitable available/imported material 150mm thick compacted layers. Form work, concrete work double reinforcement, connection of pipe ends, providing and fixing of D 400 Type clear opening of 600mm Diameter D.I. Cover & Frame, comply with (BS. EN.124) & 25mm diameter hot dip galvanized steps at 300mm c/c. Comply with (BS. EN. ISO 1461 : 2009).		
		Invert Depth 2.0m	No	
		Invert Depth 2.0m Imp: soil	No	
		Invert Depth 2.5m	No	
		Invert Depth 2.5m Imp: soil	No	
		Invert Depth 3.0m	No	

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		Invert Depth 3.0m Imp: soil	No	
		Invert Depth 3.5m	No	
		Invert Depth 3.5m Imp: soil	No	
		Invert Depth 4.0m	No	
		Invert Depth 4.0m Imp: soil	No	
65		Preliminaries shall be added for each project	PS	
66		Road reinstatement charges	PS	
67		Cost for utility diversion will be paid by CMC and the contractor should facilitate to do the job	PS	
68		Shoring /timber shoring with minimum 50 m²		
		Depth 0- 1.5m	m ²	
		Depth 1.5- 2.0m	m ²	
		Depth 2.0- 2.5m	m ²	
		Depth 2.5- 3.0m	m ²	
		Depth 3.0- 3.5m	m ²	
		Depth 3.5- 4.0m	m ²	
69		Shoring /sheet pile shoring with minimum 120 m²		
		Depth 0- 1.5m	m ²	
		Depth 1.5- 2.0m	m ²	
		Depth 2.0- 2.5m	m ²	
		Depth 2.5- 3.0m	m ²	
		Depth 3.0- 3.5m	m ²	
		Depth 3.5- 4.0m	m ²	
70		Dewatering - depth is measured from the exsisting water table		
		Depth 0- 1.5m	m	
		Depth 1.5- 2.0m	m	
		Depth 2.0- 2.5m	m	
		Depth 2.5- 3.0m	m	
		Depth 3.0- 3.5m	m	
		Depth 3.5- 4.0m	m	
		Depth 4.0- 4.5m	m	

Bidders' Signature

Date

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Qualification Information

(To be completed and submitted by the bidder, with the Bid)

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ICTAD REGISTRATION	
Registration number	(attach copies of relevant pages from the registration book)
Grade	
Specialty	
Expiry Date	
Blacklisted Contractors	
Have you been declared as a defaulted contractor by NPA or any other Agency? (Yes/No)	
If yes provide details	
VAT Registration Number	
Construction Program	(attach as annex)
Legal status	(attach relevant status copies, as annex)
Value of Construction works performed in last 5 years	(attach copies of Certificate of Completion etc and other documents such as profit-loss and income expenditure statement)
Year	
Year	
Year	
Year	
Year	
Value of similar works completed in last 10 year (indicate only the three largest projects)	1. Value _____ Year 2. Value _____ Year 3. Value _____ Year (attach copies of certificate of completion etc., as annex)
Qualification and experience of Technical Staff at site	Technical: (attach educational, professional, experience certificates of each person)