

GOVERNMENT OF PAKISTAN PAKISTAN PUBLIC WORKS DEPARTMENT

PAK. P.W.D. OFFICE BLOCK, 16-CANTT. STATION ROAD,
ADJACENT CANTT. POST OFFICE, SADDAR, KARACHI-75530
PH # 99332066

No. EE.CCD-VI/AB/NIT/4038

Karachi dated: 13th March 2024.

INVITATION TO BID

The Executive Engineer, Central Civil Division No. VI, Pak PWD, Karachi, invites sealed tenders, under Single Stage Two Envelope & on percentage rate basis for the work tabulated hereunder, from the Contractors/Firms registered with Income Tax, Sindh Revenue Board& having valid licence of Pakistan Engineering Council in appropriate category & field of specializations.

- 2. A complete set of Bidding Documents containing detailed terms and conditions may be purchased by an interested eligible bidder upon payment of a non-refundable fee as shown against each in cash.
- 3. Bidders will submit two sealed envelopes simultaneously, one containing the Technical Proposal and the other Financial Proposals, duly marked separately and enclosed together in an outer single envelope, in consonance with Rule-36(b) of PPRA 2004, so as to reach the undersigned. Technical proposals will be opened on the same day in the presence of bidders/representatives who choose to attend, at the same address. The time and schedule are narrated hereunder:

i. Issuance of Bidding documents up to:

ii. Casting/dropping of Bids up to:

iii. Opening of Technical Bids on:

01-04-2024 (office Hours). 02-04-2024. 11:00 A.M.

02-04-2024. 11:30 A.M.

4. In accordance with PPRA Rule-25; Bid Security i.e fixed amount as mentioned against each work is required, in shape of CDR/Pay order/Bank Draft/Bank Guarantee by any schedule bank in favor of undersigned. The bidder will submit /attached original bid Security along with Technical Proposal; otherwise it will be treated NON-RESPONSIVE.

| S. No. | Name of Schemes | Amount (Million) | Bid Security /Earnest Money | Tender Cost |
|--------|--|---------------------|-----------------------------------|----------------|
| 1 | Providing and Fixing CC Tuff paver and RCC Sewerage 12" dia at Different streets of Arslan Homes, Shah Nawaz Bhutto Colony in UC-01,District Central North Karachi. | 13.713 | 411,400 | 2,000 |
| 2 | Providing and Fixing CC Tuff paver at Different streets of Sector-2 in UC-01,District Central North Karachi. | 9.766 | 293,000 | 2,000 |
| 3 | Providing and Fixing CC Tuff paver at Different streets of Sector-3 in UC-01,District Central North Karachi. | 9.766 | 293,000 | 2,000 |
| 4 | Providing and Fixing CC Tuff paver and RCC Sewerage 12" dia at Different streets of Sector 5A-1&2 in UC-02,District Central North Karachi. | 13.713 | 411,400 | 2,000 |
| 5 | Providing and Fixing CC Tuff paver at Different streets of 5B1&2 in UC-02,District Central North Karachi. | 9.766 | 293,000 | 2,000 |
| 6 | Providing and Fixing CC Tuff paver at Different streets of 5A3&4 in UC-02,District Central North Karachi. | 9.766 | 293,000 | 2,000 |
| 7 | Providing and Fixing CC Tuff paver and RCC Sewerage 12" dia at Different streets of Sector-5B3 & 5C1 UC-03,District Central North Karachi. | 13.713 | 411,400 | 2,000 |
| 8 | Providing and Fixing CC Tuff paver at Different streets of Sector-5C2 in UC-03,District Central North Karachi. | 9.766 | 293,000 | 2,000 |
| 9 | Providing and Fixing CC Tuff paver at Different streets of Sector-4 in UC-03,District Central North Karachi. | 9.766 | 293,000 | 2,000 |
| 10 | Providing and Fixing CC Tuff paver and RCC Sewerage 12" dia at Different streets of Sector 5M & 51 in UC-04,District Central North Karachi. | 13.713 | 411,400 | 2,000 |
| 11 | Providing and Fixing CC Tuff paver at Different streets of Sector 5M in UC-04,District Central North Karachi. | 9.766 | 293,000 | 2,000 |
| 12 | Providing and Fixing CC Tuff paver at Different streets of Sector 5M & 5I in UC-04,District Central North Karachi. | 9.766 | 293,000 | 2,000 |
| 13 | Providing and Fixing CC Tuff paver and RCC Sewerage 12" dia at Different streets of Sector-5L & 5K in UC-08,District Central North Karachi. | 13.713 | 411,400 | 2,000 |

| 14 | Providing and Fixing CC Tuff paver at Different streets of Sector-5L in UC-08,District Central North Karachi. | 9.766 | 293,000 | 2,000 |
|----|---|--------|---------|-------|
| 15 | Providing and Fixing CC Tuff paver at Different streets of Sector- 5K in UC-08, District Central North Karachi. | 9.766 | 293,000 | 2,000 |
| 16 | Providing and Fixing CC Tuff paver and RCC Sewerage 12" dia at Different streets of Sector-11L,111 & 11K in UC-11,District Central North Karachi. | 13.713 | 411,400 | 2,000 |
| 17 | Providing and Fixing CC Tuff paver at Different streets of Sector-11L & 11I in UC-11,District Central North Karachi. | 9.766 | 293,000 | 2,000 |
| 18 | Providing and Fixing CC Tuff paver at Different streets of Sector-11I & 11K in UC-11,District Central North Karachi. | 9.766 | 293,000 | 2,000 |
| 19 | Providing and Fixing CC Tuff paver and RCC Sewerage 12" dia at Different streets of Sector-5C3 & 5C4 in UC-12, District Central North Karachi. | 13.713 | 411,400 | 2,000 |
| 20 | Providing and Fixing CC Tuff paver at Different streets of Sector-11A in UC-12, District Central North Karachi. | 9.766 | 293,000 | 2,000 |
| 21 | Providing and Fixing CC Tuff paver at Different streets of Sector- 11B in UC-12,District Central North Karachi. | 9.766 | 293,000 | 2,000 |
| 22 | Providing and Fixing CC Tuff paver and RCC Sewerage 12" dia at Different streets of Sector-8 & 9 in UC-13,District Central North Karachi. | 13.713 | 411,400 | 2,000 |

Terms & Conditions:

6. No bidding document will be issued on the day of opening & no application will be entertained for issuance after cutoff date as mentioned at para 3(i), which will strictly be adhered to. The competent authority in accordance with PPRA Rules-33 of 2004 may reject all bids/proposals any time prior to the acceptance of a bid/proposal. Other terms and conditions as envisaged in the bidding documents will apply mutatis mutandis.

---Sd---(IMRAN SHAMS) Executive Engineer Central Civil Div. No. VI, Pak. P.W.D. Karachi. Name of Work:Providing and Fixing CC Tuff paver and RCC Sewerage 12" dia at Different streets of Arslan Homes,Shah Nawaz Bhutto Colony in UC-01,District Central North Karachi.

ABSTRACT OF COST

SH-ICC Tuff Paver SH-II SEWERAGE LINE Rs. 8,624,400 1,616,768

TOTAL Rs. 10,241,168

Name of Work:Providing and Fixing CC Tuff paver and RCC Sewerage 12" dia at Different streets of Arslan Homes,Shah Nawaz Bhutto Colony in UC-01,District Central North Karachi.

| S.No | | item of work | Qty | | Rate | Unit | Amount |
|------|----------------------|---|-------|-----|-----------|----------|-----------|
| | SH-I Pro | oviding and Laying CC Tuff Paver | • | - | | | |
| 1 | S/R | Levelling and dressing the ground by cutting and filling earth upto 6 inches (152 mm) in depth including consolidating and watering, complete as required. | 35000 | Sft | 332.5 | %sft | 116,375 |
| 2 | 117/15 7 P 208 | Providing and laying in floor C.C. 1:2:4: tuff paver 2-1/2" thick of approved design and colour pattren (average strength 7000 psi) laid on sand cushion filling of joint with sand and warring etc. complete as per direction of Engineer Incharge. (the cost of sand cushion is included) | 35000 | sft | 135.13 | P.sft | 4,729,550 |
| 3 | 127/94 | Providing and laying 1:4:8 cement concrete in any thickness using 2" (51 mm) and down gauge stone ballast of approved grade and quality over prepared sub-grade or sand cushion in roads, paths, creteways laid to required gradient and camber including cost of necessary form work and its removal compacting with vibrators including curing etc. complete . | 11550 | cft | 27877.27 | % cft | 3,219,825 |
| 4 | | Providing and laying RCC Circular top slab (5 inch thick 3feet outer dia) for man hole, using crush graded boulder 3/4" and down gauge having a minimum works cube crushing strength 3000 PSI at 29 days with a mix nt leaner than 1:2:4 including RCC man hle cober (1/9" dia 3"-1/2 thick) complete as per approved drawing and design by engineer in charge (pre-cast). | 50 | Nos | 11,173.00 | P.No | 558,650 |
| | | | | ļ | 1 | OTAL Rs. | 8,624,400 |
| | SH-II SI | WERAGE LINE | | | | | |
| 1 | 313/05 | Excavation in all kinds of soil, murum, hard, average or soft including all lift and lead. | 15284 | cft | 1840.9 | %cft | 281,365 |
| 2 | 313/05 +15 | upto 8 feet | 9170 | cft | 2078.4 | %cft | 190,599 |
| 3 | 312/07 | Providing R.C.C pipes and collars of class 'B' and fixing in trench i/c cutting ,fitting and jointing with maxphalt composition and cement mortar (1:1) and back filling the excaforvated material in trench i/c testing with water to a pressure head of 50 feet (15.24m) and cartage within 10 miles (16.09 km),for 12 inches (305mm) dia,pipe | 1000 | Rft | 548.16 | P.Rft | 548,160 |

| 4 | A/R | Providing circular manhole comprised of cylendrical and conical portions as per approved design and specifications complete with RCC 1:2:4 slab, 6 inches thick c.c. 1:3:6 Situ walls 9 inches thick with deduction of pipe holes CC 1:3:6 in foundation 6 inches thick and 1:2:4 CC in benching usind sulphte resisting cement in all cc works in cluding providing and fixing cost iron foot rest at every too foot of depth completed as per direction of engieer incharge but excluding the cost of excavation back filling and disposal of excavated stuff, manhole cover and frame. | 1000 | cft | 545.9 | P.cft | 545,900 |
|---|-----|---|------|-----|---------|----------|-----------|
| 5 | | Providing & laying R.C.C 1:2:4 slab cover 3" thick average (precost complete with M.S flat iron, M.S bars embedded in concrete) of any shape including the cost of reinforcement and welding etc. as per direction of Engineer Incharge. | 20 | cft | 2274.73 | P.cft | 45,495 |
| 6 | | Making connection with the existing manhole including the cost of cutting holes in walls, making them good in cement concrete 1:2:4 and making the required channel etc.complete. | | Nos | 750.00 | P.NO | 5,250 |
| | | | | | 7 | OTAL Rs. | 1,616,768 |

#REF!

| S.No | | item of work | Qty | | Rate | Unit | Amount |
|------|----------------------|---|-------|-----|-----------|-------|-----------|
| | SH-I Pro | oviding and Laying CC Tuff Paver | | - | | | |
| 1 | S/R | Levelling and dressing the ground by cutting and filling earth upto 6 inches (152 mm) in depth including consolidating and watering, complete as required. | 30000 | Sft | 332.5 | %sft | 99,750 |
| 2 | 117/15 7 P 208 | Providing and laying in floor C.C. 1:2:4: tuff paver 2-1/2" thick of approved design and colour pattren (average strength 7000 psi) laid on sand cushion filling of joint with sand and warring etc. complete as per direction of Engineer Incharge. (the cost of sand cushion is included) | 30000 | sft | 135.13 | P.sft | 4,053,900 |
| 3 | 127/94 | Providing and laying 1:4:8 cement concrete in any thickness using 2" (51 mm) and down gauge stone ballast of approved grade and quality over prepared sub-grade or sand cushion in roads, paths, creteways laid to required gradient and camber including cost of necessary form work and its removal compacting with vibrators including curing etc. complete . | 9900 | cft | 27877.27 | % cft | 2,759,850 |
| 4 | | Providing and laying RCC Circular top slab (5 inch thick 3feet outer dia) for man hole, using crush graded boulder 3/4" and down gauge having a minimum works cube crushing strength 3000 PSI at 29 days with a mix nt leaner than 1:2:4 including RCC man hle cober (1/9" dia 3"-1/2 thick) complete as per approved drawing and design by engineer in charge (pre-cast). | 34 | Nos | 11,173.00 | P.No | 379,882 |

Name of Work:Providing and Fixing CC Tuff paver at Different streets of Sector-3 in UC-01,District Central North Karachi.

ABSTRACT OF COST

SH-ICC Tuff Paver Rs. <u>7,293,382</u>

Name of Work:Providing and Fixing CC Tuff paver at Different streets of Sector-3 in UC-01,District Central North Karachi.

| S.No | | item of work | Qty | | Rate | Unit | Amount |
|------|----------------------|---|-------|-----|-----------|-------|-----------|
| | SH-I Pro | oviding and Laying CC Tuff Paver | | | | | |
| 1 | S/R | Levelling and dressing the ground by cutting and filling earth upto 6 inches (152 mm) in depth including consolidating and watering, complete as required. | | Sft | 332.5 | %sft | 99,750 |
| 2 | 117/15 7 P 208 | Providing and laying in floor C.C. 1:2:4: tuff paver 2-1/2" thick of approved design and colour pattren (average strength 7000 psi) laid on sand cushion filling of joint with sand and warring etc. complete as per direction of Engineer Incharge. (the cost of sand cushion is included) | 30000 | sft | 135.13 | P.sft | 4,053,900 |
| 3 | 127/94 | Providing and laying 1:4:8 cement concrete in any thickness using 2" (51 mm) and down gauge stone ballast of approved grade and quality over prepared sub-grade or sand cushion in roads, paths, creteways laid to required gradient and camber including cost of necessary form work and its removal compacting with vibrators including curing etc. complete. | 9900 | cft | 27877.27 | % cft | 2,759,850 |
| 4 | | Providing and laying RCC Circular top slab (5 inch thick 3feet outer dia) for man hole, using crush graded boulder 3/4" and down gauge having a minimum works cube crushing strength 3000 PSI at 29 days with a mix nt leaner than 1:2:4 including RCC man hle cober (1/9" dia 3"-1/2 thick) complete as per approved drawing and design by engineer in charge (pre-cast). | 34 | Nos | 11,173.00 | P.No | 379,882 |

Name of Work:Providing and Fixing CC Tuff paver and RCC Sewerage 12" dia at Different streets of Sector 5A-1&2 in UC-02,District Central North Karachi.

ABSTRACT OF COST

SH-ICC Tuff Paver SH-II SEWERAGE LINE Rs. 8,624,400 1,616,768

TOTAL Rs. 10,241,168

Name of Work:Providing and Fixing CC Tuff paver and RCC Sewerage 12" dia at Different streets of Sector 5A-1&2 in UC-02,District Central North Karachi.

| S.No | | item of work | Qty | | Rate | Unit | Amount |
|------|----------------------|--|-------|-----|-----------|----------|-----------|
| | SH-I Pro | oviding and Laying CC Tuff Paver | - | | | | |
| 1 | S/R | Levelling and dressing the ground by cutting and filling earth upto 6 inches (152 mm) in depth including consolidating and watering, complete as required. | 35000 | Sft | 332.5 | %sft | 116,375 |
| 2 | 117/15 7 P 208 | Providing and laying in floor C.C. 1:2:4: tuff paver 2-1/2" thick of approved design and colour pattren (average strength 7000 psi) laid on sand cushion filling of joint with sand and warring etc. complete as per direction of Engineer Incharge. (the cost of sand cushion is included) | 35000 | sft | 135.13 | P.sft | 4,729,550 |
| 3 | 127/94 | Providing and laying 1:4:8 cement concrete in any thickness using 2" (51 mm) and down gauge stone ballast of approved grade and quality over prepared sub-grade or sand cushion in roads, paths, creteways laid to required gradient and camber including cost of necessary form work and its removal compacting with vibrators including curing etc. complete. | 11550 | cft | 27877.27 | % cft | 3,219,825 |
| 4 | | Providing and laying RCC Circular top slab (5 inch thick 3feet outer dia) for man hole, using crush graded boulder 3/4" and down gauge having a minimum works cube crushing strength 3000 PSI at 29 days with a mix nt leaner than 1:2:4 including RCC man hle cober (1/9" dia 3"-1/2 thick) complete as per approved drawing and design by engineer in charge (pre-cast). | 50 | Nos | 11,173.00 | P.No | 558,650 |
| | | | | | T | OTAL Rs. | 8,624,400 |
| | SH-II SE | WERAGE LINE | | | | | |
| 1 | 313/05 | Excavation in all kinds of soil, murum, hard, average or soft including all lift and lead. | 15284 | cft | 1840.9 | %cft | 281,365 |
| 2 | 313/05 +15 | upto 8 feet | 9170 | cft | 2078.4 | %cft | 190,599 |
| 3 | 312/07 | Providing R.C.C pipes and collars of class 'B' and fixing in trench i/c cutting ,fitting and jointing with maxphalt composition and cement mortar (1:1) and back filling the excaforvated material in trench i/c testing with water to a pressure head of 50 feet (15.24m) and cartage within 10 miles (16.09 km),for 12 inches (305mm) dia,pipe | 1000 | Rft | 548.16 | P.Rft | 548,160 |

| 4 | A/R | Providing circular manhole comprised of cylendrical and conical portions as per approved design and specifications complete with RCC 1:2:4 slab, 6 inches thick c.c. 1:3:6 Situ walls 9 inches thick with deduction of pipe holes CC 1:3:6 in foundation 6 inches thick and 1:2:4 CC in benching usind sulphte resisting cement in all cc works in cluding providing and fixing cost iron foot rest at every too foot of depth completed as per direction of engieer incharge but excluding the cost of excavation back filling and disposal of excavated stuff, manhole cover and frame. | 1000 | cft | 545.9 | P.cft | 545,900 |
|---|-----|---|------|-----|---------|----------|-----------|
| 5 | | Providing & laying R.C.C 1:2:4 slab cover 3" thick average (precost complete with M.S flat iron, M.S bars embedded in concrete) of any shape including the cost of reinforcement and welding etc. as per direction of Engineer Incharge. | 20 | cft | 2274.73 | P.cft | 45,495 |
| 6 | | Making connection with the existing manhole including the cost of cutting holes in walls, making them good in cement concrete 1:2:4 and making the required channel etc.complete. | 7 | Nos | 750.00 | P.NO | 5,250 |
| | | | | | 7 | OTAL Rs. | 1,616,768 |

Name of Work:Providing and Fixing CC Tuff paver at Different streets of 5B1&2 in UC-02,District Central North Karachi.

ABSTRACT OF COST

SH-ICC Tuff Paver

Rs. <u>7,293,382</u>

Name of Work:Providing and Fixing CC Tuff paver at Different streets of 5B1&2 in UC-02,District Central North Karachi.

| S.No | | item of work | Qty | | Rate | Unit | Amount |
|------|----------------------|--|-------|-----|-----------|-------|-----------|
| | SH-I Pro | oviding and Laying CC Tuff Paver | | | | | |
| 1 | S/R | Levelling and dressing the ground by cutting and filling earth upto 6 inches (152 mm) in depth including consolidating and watering, complete as required. | 30000 | Sft | 332.5 | %sft | 99,750 |
| 2 | 117/15 7 P 208 | Providing and laying in floor C.C. 1:2:4: tuff paver 2-1/2" thick of approved design and colour pattren (average strength 7000 psi) laid on sand cushion filling of joint with sand and warring etc. complete as per direction of Engineer Incharge. (the cost of sand cushion is included) | 30000 | sft | 135.13 | P.sft | 4,053,900 |
| 3 | 127/94 | Providing and laying 1:4:8 cement concrete in any thickness using 2" (51 mm) and down gauge stone ballast of approved grade and quality over prepared sub-grade or sand cushion in roads, paths, creteways laid to required gradient and camber including cost of necessary form work and its removal compacting with vibrators including curing etc. complete. | 9900 | cft | 27877.27 | % cft | 2,759,850 |
| 4 | | Providing and laying RCC Circular top slab (5 inch thick 3feet outer dia) for man hole, using crush graded boulder 3/4" and down gauge having a minimum works cube crushing strength 3000 PSI at 29 days with a mix nt leaner than 1:2:4 including RCC man hle cober (1/9" dia 3"-1/2 thick) complete as per approved drawing and design by engineer in charge (pre-cast). | 34 | Nos | 11,173.00 | P.No | 379,882 |

Name of Work:Providing and Fixing CC Tuff paver at Different streets of 5A3&4 in UC-02,District Central North Karachi.

ABSTRACT OF COST

 SH-ICC Tuff Paver
 Rs. 7,293,382

 TOTAL
 Rs. 7,293,382

Name of Work:Providing and Fixing CC Tuff paver at Different streets of 5A3&4 in UC-02,District Central North Karachi.

| S.No | | item of work | Qty | | Rate | Unit | Amount |
|------|----------------------|--|-------|-----|-----------|---------|-----------|
| | SH-I Pro | oviding and Laying CC Tuff Paver | | | | | |
| 1 | S/R | Levelling and dressing the ground by cutting and filling earth upto 6 inches (152 mm) in depth including consolidating and watering, complete as required. | 30000 | Sft | 332.5 | %sft | 99,750 |
| 2 | 117/15 7 P 208 | Providing and laying in floor C.C. 1:2:4: tuff paver 2-1/2" thick of approved design and colour pattren (average strength 7000 psi) laid on sand cushion filling of joint with sand and warring etc. complete as per direction of Engineer Incharge. (the cost of sand cushion is included) | 30000 | sft | 135.13 | P.sft | 4,053,900 |
| 3 | 127/94 | Providing and laying 1:4:8 cement concrete in any thickness using 2" (51 mm) and down gauge stone ballast of approved grade and quality over prepared sub-grade or sand cushion in roads, paths, creteways laid to required gradient and camber including cost of necessary form work and its removal compacting with vibrators including curing etc. complete. | 9900 | cft | 27877.27 | % cft | 2,759,850 |
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| | l | | | | | OTAL Do | 7 000 000 |

Name of Work:Providing and Fixing CC Tuff paver and RCC Sewerage 12" dia at Different streets of Sector-5B3 & 5C1 UC-03,District Central North Karachi.

ABSTRACT OF COST

SH-ICC Tuff Paver SH-II SEWERAGE LINE Rs. 8,624,400 1,616,768

TOTAL Rs. 10,241,168

Name of Work:Providing and Fixing CC Tuff paver and RCC Sewerage 12" dia at Different streets of Sector-5B3 & 5C1 UC-03,District Central North Karachi.

| S.No | | item of work | Qty | | Rate | Unit | Amount |
|------|----------------------|--|-------|-----|-----------|----------|-----------|
| | SH-I Pro | oviding and Laying CC Tuff Paver | | | | | |
| 1 | S/R | Levelling and dressing the ground by cutting and filling earth upto 6 inches (152 mm) in depth including consolidating and watering, complete as required. | 35000 | Sft | 332.5 | %sft | 116,375 |
| 2 | 117/15 7 P 208 | Providing and laying in floor C.C. 1:2:4: tuff paver 2-1/2" thick of approved design and colour pattren (average strength 7000 psi) laid on sand cushion filling of joint with sand and warring etc. complete as per direction of Engineer Incharge. (the cost of sand cushion is included) | 35000 | sft | 135.13 | P.sft | 4,729,550 |
| 3 | 127/94 | Providing and laying 1:4:8 cement concrete in any thickness using 2" (51 mm) and down gauge stone ballast of approved grade and quality over prepared sub-grade or sand cushion in roads, paths, creteways laid to required gradient and camber including cost of necessary form work and its removal compacting with vibrators including curing etc. complete. | 11550 | cft | 27877.27 | % cft | 3,219,825 |
| 4 | | Providing and laying RCC Circular top slab (5 inch thick 3feet outer dia) for man hole, using crush graded boulder 3/4" and down gauge having a minimum works cube crushing strength 3000 PSI at 29 days with a mix nt leaner than 1:2:4 including RCC man hle cober (1/9" dia 3"-1/2 thick) complete as per approved drawing and design by engineer in charge (pre-cast). | 50 | Nos | 11,173.00 | P.No | 558,650 |
| | ļ. | | | | 1 | OTAL Rs. | 8,624,400 |
| | SH-II SE | WERAGE LINE | | | | | |
| 1 | 313/05 | Excavation in all kinds of soil, murum, hard, average or soft including all lift and lead. | 15284 | cft | 1840.9 | %cft | 281,365 |
| 2 | 313/05 +15 | upto 8 feet | 9170 | cft | 2078.4 | %cft | 190,599 |
| 3 | 312/07 | Providing R.C.C pipes and collars of class 'B' and fixing in trench i/c cutting ,fitting and jointing with maxphalt composition and cement mortar (1:1) and back filling the excaforvated material in trench i/c testing with water to a pressure head of 50 feet (15.24m) and cartage within 10 miles (16.09 km),for 12 inches (305mm) dia,pipe | 1000 | Rft | 548.16 | P.Rft | 548,160 |

| | I | | | | 1 7 | OTAL Rs. | 1,616,768 |
|---|-----|---|----|-----|---------|----------|-----------|
| 6 | | Making connection with the existing manhole including the cost of cutting holes in walls, making them good in cement concrete 1:2:4 and making the required channel etc.complete. | 7 | Nos | 750.00 | P.NO | 5,250 |
| 5 | | Providing & laying R.C.C 1:2:4 slab cover 3" thick average (precost complete with M.S flat iron, M.S bars embedded in concrete) of any shape including the cost of reinforcement and welding etc. as per direction of Engineer Incharge. | 20 | cft | 2274.73 | P.cft | 45,495 |
| 4 | A/R | Providing circular manhole comprised of cylendrical and conical portions as per approved design and specifications complete with RCC 1:2:4 slab, 6 inches thick c.c. 1:3:6 Situ walls 9 inches thick with deduction of pipe holes CC 1:3:6 in foundation 6 inches thick and 1:2:4 CC in benching usind sulphte resisting cement in all cc works in cluding providing and fixing cost iron foot rest at every too foot of depth completed as per direction of engieer incharge but excluding the cost of excavation back filling and disposal of excavated stuff, manhole cover and frame. | | cft | 545.9 | P.cft | 545,900 |

Name of Work:Providing and Fixing CC Tuff paver at Different streets of Sector-5C2 in UC-03, District Central North Karachi.

ABSTRACT OF COST

Rs. 7,293,382 Rs. 7,293,382 **SH-ICC Tuff Paver**

TOTAL

Name of Work:Providing and Fixing CC Tuff paver at Different streets of Sector-5C2 in UC-03,District Central North Karachi.

| S.No | | item of work | Qty | | Rate | Unit | Amount |
|------|----------------------|--|-------|-----|-----------|-------|-----------|
| | SH-I Pro | oviding and Laying CC Tuff Paver | - | | | | |
| 1 | S/R | Levelling and dressing the ground by cutting and filling earth upto 6 inches (152 mm) in depth including consolidating and watering, complete as required. | | Sft | 332.5 | %sft | 99,750 |
| 2 | 117/15 7 P 208 | Providing and laying in floor C.C. 1:2:4: tuff paver 2-1/2" thick of approved design and colour pattren (average strength 7000 psi) laid on sand cushion filling of joint with sand and warring etc. complete as per direction of Engineer Incharge. (the cost of sand cushion is included) | 30000 | sft | 135.13 | P.sft | 4,053,900 |
| 3 | 127/94 | Providing and laying 1:4:8 cement concrete in any thickness using 2" (51 mm) and down gauge stone ballast of approved grade and quality over prepared sub-grade or sand cushion in roads, paths, creteways laid to required gradient and camber including cost of necessary form work and its removal compacting with vibrators including curing etc. complete. | 9900 | cft | 27877.27 | % cft | 2,759,850 |
| 4 | | Providing and laying RCC Circular top slab (5 inch thick 3feet outer dia) for man hole, using crush graded boulder 3/4" and down gauge having a minimum works cube crushing strength 3000 PSI at 29 days with a mix nt leaner than 1:2:4 including RCC man hle cober (1/9" dia 3"-1/2 thick) complete as per approved drawing and design by engineer in charge (pre-cast). | 34 | Nos | 11,173.00 | P.No | 379,882 |

Name of Work:Providing and Fixing CC Tuff paver at Different streets of Sector-4 in UC-03,District Central North Karachi.

ABSTRACT OF COST

 SH-ICC Tuff Paver
 Rs. 7,293,382

 TOTAL
 Rs. 7,293,382

Name of Work:Providing and Fixing CC Tuff paver at Different streets of Sector-4 in UC-03,District Central North Karachi.

| S.No | | item of work | Qty | | Rate | Unit | Amount |
|------|----------------------|--|-------|-----|-----------|-------|-----------|
| | SH-I Pro | oviding and Laying CC Tuff Paver | | | | | |
| 1 | S/R | Levelling and dressing the ground by cutting and filling earth upto 6 inches (152 mm) in depth including consolidating and watering, complete as required. | | Sft | 332.5 | %sft | 99,750 |
| 2 | 117/15 7 P 208 | Providing and laying in floor C.C. 1:2:4: tuff paver 2-1/2" thick of approved design and colour pattren (average strength 7000 psi) laid on sand cushion filling of joint with sand and warring etc. complete as per direction of Engineer Incharge. (the cost of sand cushion is included) | 30000 | sft | 135.13 | P.sft | 4,053,900 |
| 3 | 127/94 | Providing and laying 1:4:8 cement concrete in any thickness using 2" (51 mm) and down gauge stone ballast of approved grade and quality over prepared sub-grade or sand cushion in roads, paths, creteways laid to required gradient and camber including cost of necessary form work and its removal compacting with vibrators including curing etc. complete. | 9900 | cft | 27877.27 | % cft | 2,759,850 |
| 4 | | Providing and laying RCC Circular top slab (5 inch thick 3feet outer dia) for man hole, using crush graded boulder 3/4" and down gauge having a minimum works cube crushing strength 3000 PSI at 29 days with a mix nt leaner than 1:2:4 including RCC man hle cober (1/9" dia 3"-1/2 thick) complete as per approved drawing and design by engineer in charge (pre-cast). | | Nos | 11,173.00 | P.No | 379,882 |

Name of Work:Providing and Fixing CC Tuff paver and RCC Sewerage 12" dia at Different streets of Sector 5M & 5I in UC-04,District Central North Karachi.

ABSTRACT OF COST

SH-ICC Tuff Paver SH-II SEWERAGE LINE Rs. 8,624,400 1,616,768

TOTAL Rs. 10,241,168

Name of Work:Providing and Fixing CC Tuff paver and RCC Sewerage 12" dia at Different streets of Sector 5M & 5I in UC-04,District Central North Karachi.

| S.No | | item of work | Qty | | Rate | Unit | Amount |
|------|----------------------|--|-------|-----|-----------|----------|-----------|
| | SH-I Pro | oviding and Laying CC Tuff Paver | | | | | |
| 1 | S/R | Levelling and dressing the ground by cutting and filling earth upto 6 inches (152 mm) in depth including consolidating and watering, complete as required. | | Sft | 332.5 | %sft | 116,375 |
| 2 | 117/15 7 P 208 | Providing and laying in floor C.C. 1:2:4: tuff paver 2-1/2" thick of approved design and colour pattren (average strength 7000 psi) laid on sand cushion filling of joint with sand and warring etc. complete as per direction of Engineer Incharge. (the cost of sand cushion is included) | 35000 | sft | 135.13 | P.sft | 4,729,550 |
| 3 | 127/94 | Providing and laying 1:4:8 cement concrete in any thickness using 2" (51 mm) and down gauge stone ballast of approved grade and quality over prepared sub-grade or sand cushion in roads, paths, creteways laid to required gradient and camber including cost of necessary form work and its removal compacting with vibrators including curing etc. complete . | 11550 | cft | 27877.27 | % cft | 3,219,825 |
| 4 | | Providing and laying RCC Circular top slab (5 inch thick 3feet outer dia) for man hole, using crush graded boulder 3/4" and down gauge having a minimum works cube crushing strength 3000 PSI at 29 days with a mix nt leaner than 1:2:4 including RCC man hle cober (1/9" dia 3"-1/2 thick) complete as per approved drawing and design by engineer in charge (pre-cast). | | Nos | 11,173.00 | P.No | 558,650 |
| | | | | Т | | OTAL Rs. | 8,624,400 |
| 1 | | EXCAVATION IN All kinds of soil, murum, hard, average or soft including all lift and lead. | 15284 | cft | 1840.9 | %cft | 281,365 |
| 2 | 313/05 +15 | upto 8 feet | 9170 | cft | 2078.4 | %cft | 190,599 |
| 3 | 312/07 | Providing R.C.C pipes and collars of class 'B' and fixing in trench i/c cutting ,fitting and jointing with maxphalt composition and cement mortar (1:1) and back filling the excaforvated material in trench i/c testing with water to a pressure head of 50 feet (15.24m) and cartage within 10 miles (16.09 km),for 12 inches (305mm) dia,pipe | 1000 | Rft | 548.16 | P.Rft | 548,160 |

| | I | | | | 1 7 | OTAL Rs. | 1,616,768 |
|---|-----|---|----|-----|---------|----------|-----------|
| 6 | | Making connection with the existing manhole including the cost of cutting holes in walls, making them good in cement concrete 1:2:4 and making the required channel etc.complete. | 7 | Nos | 750.00 | P.NO | 5,250 |
| 5 | | Providing & laying R.C.C 1:2:4 slab cover 3" thick average (precost complete with M.S flat iron, M.S bars embedded in concrete) of any shape including the cost of reinforcement and welding etc. as per direction of Engineer Incharge. | 20 | cft | 2274.73 | P.cft | 45,495 |
| 4 | A/R | Providing circular manhole comprised of cylendrical and conical portions as per approved design and specifications complete with RCC 1:2:4 slab, 6 inches thick c.c. 1:3:6 Situ walls 9 inches thick with deduction of pipe holes CC 1:3:6 in foundation 6 inches thick and 1:2:4 CC in benching usind sulphte resisting cement in all cc works in cluding providing and fixing cost iron foot rest at every too foot of depth completed as per direction of engieer incharge but excluding the cost of excavation back filling and disposal of excavated stuff, manhole cover and frame. | | cft | 545.9 | P.cft | 545,900 |

Name of Work:Providing and Fixing CC Tuff paver at Different streets of Sector 5M in UC-04, District Central North Karachi.

ABSTRACT OF COST

Rs. 7,293,382 Rs. 7,293,382 **SH-ICC Tuff Paver**

TOTAL

Name of Work:Providing and Fixing CC Tuff paver at Different streets of Sector 5M in UC-04,District Central North Karachi.

| S.No | | item of work | Qty | | Rate | Unit | Amount |
|------|----------------------|--|-------|-----|-----------|-------|-----------|
| | SH-I Pro | oviding and Laying CC Tuff Paver | | | | | |
| 1 | S/R | Levelling and dressing the ground by cutting and filling earth upto 6 inches (152 mm) in depth including consolidating and watering, complete as required. | 30000 | Sft | 332.5 | %sft | 99,750 |
| 2 | 117/15 7 P 208 | Providing and laying in floor C.C. 1:2:4: tuff paver 2-1/2" thick of approved design and colour pattren (average strength 7000 psi) laid on sand cushion filling of joint with sand and warring etc. complete as per direction of Engineer Incharge. (the cost of sand cushion is included) | 30000 | sft | 135.13 | P.sft | 4,053,900 |
| 3 | 127/94 | Providing and laying 1:4:8 cement concrete in any thickness using 2" (51 mm) and down gauge stone ballast of approved grade and quality over prepared sub-grade or sand cushion in roads, paths, creteways laid to required gradient and camber including cost of necessary form work and its removal compacting with vibrators including curing etc. complete. | 9900 | cft | 27877.27 | % cft | 2,759,850 |
| 4 | | Providing and laying RCC Circular top slab (5 inch thick 3feet outer dia) for man hole, using crush graded boulder 3/4" and down gauge having a minimum works cube crushing strength 3000 PSI at 29 days with a mix nt leaner than 1:2:4 including RCC man hle cober (1/9" dia 3"-1/2 thick) complete as per approved drawing and design by engineer in charge (pre-cast). | 34 | Nos | 11,173.00 | P.No | 379,882 |

Name of Work:Providing and Fixing CC Tuff paver at Different streets of Sector 5M & 5I in UC-04, District Central North Karachi.

ABSTRACT OF COST

Rs. 7,293,382 Rs. 7,293,382 **SH-ICC Tuff Paver**

TOTAL

Name of Work:Providing and Fixing CC Tuff paver at Different streets of Sector 5M & 5I in UC-04,District Central North Karachi.

| S.No | | item of work | Qty | | Rate | Unit | Amount |
|------|----------------------|--|-------|-----|-----------|-------|-----------|
| | SH-I Pro | oviding and Laying CC Tuff Paver | | | | | |
| 1 | S/R | Levelling and dressing the ground by cutting and filling earth upto 6 inches (152 mm) in depth including consolidating and watering, complete as required. | 30000 | Sft | 332.5 | %sft | 99,750 |
| 2 | 117/15 7 P 208 | Providing and laying in floor C.C. 1:2:4: tuff paver 2-1/2" thick of approved design and colour pattren (average strength 7000 psi) laid on sand cushion filling of joint with sand and warring etc. complete as per direction of Engineer Incharge. (the cost of sand cushion is included) | 30000 | sft | 135.13 | P.sft | 4,053,900 |
| 3 | 127/94 | Providing and laying 1:4:8 cement concrete in any thickness using 2" (51 mm) and down gauge stone ballast of approved grade and quality over prepared sub-grade or sand cushion in roads, paths, creteways laid to required gradient and camber including cost of necessary form work and its removal compacting with vibrators including curing etc. complete. | 9900 | cft | 27877.27 | % cft | 2,759,850 |
| 4 | | Providing and laying RCC Circular top slab (5 inch thick 3feet outer dia) for man hole, using crush graded boulder 3/4" and down gauge having a minimum works cube crushing strength 3000 PSI at 29 days with a mix nt leaner than 1:2:4 including RCC man hle cober (1/9" dia 3"-1/2 thick) complete as per approved drawing and design by engineer in charge (pre-cast). | 34 | Nos | 11,173.00 | P.No | 379,882 |

Name of Work:Providing and Fixing CC Tuff paver and RCC Sewerage 12" dia at Different streets of Sector-5L & 5K in UC-08,District Central North Karachi.

ABSTRACT OF COST

SH-ICC Tuff Paver SH-II SEWERAGE LINE Rs. 8,624,400 1,616,768

TOTAL Rs. 10,241,168

Name of Work:Providing and Fixing CC Tuff paver and RCC Sewerage 12" dia at Different streets of Sector-5L & 5K in UC-08,District Central North Karachi.

| S.No | | item of work | Qty | | Rate | Unit | Amount |
|------|----------------------|--|-------|-----|-----------|----------|-----------|
| | SH-I Pro | oviding and Laying CC Tuff Paver | | | | | |
| 1 | S/R | Levelling and dressing the ground by cutting and filling earth upto 6 inches (152 mm) in depth including consolidating and watering, complete as required. | 35000 | Sft | 332.5 | %sft | 116,375 |
| 2 | 117/15 7 P 208 | Providing and laying in floor C.C. 1:2:4: tuff paver 2-1/2" thick of approved design and colour pattren (average strength 7000 psi) laid on sand cushion filling of joint with sand and warring etc. complete as per direction of Engineer Incharge. (the cost of sand cushion is included) | 35000 | sft | 135.13 | P.sft | 4,729,550 |
| 3 | 127/94 | Providing and laying 1:4:8 cement concrete in any thickness using 2" (51 mm) and down gauge stone ballast of approved grade and quality over prepared sub-grade or sand cushion in roads, paths, creteways laid to required gradient and camber including cost of necessary form work and its removal compacting with vibrators including curing etc. complete. | 11550 | cft | 27877.27 | % cft | 3,219,825 |
| 4 | | Providing and laying RCC Circular top slab (5 inch thick 3feet outer dia) for man hole, using crush graded boulder 3/4" and down gauge having a minimum works cube crushing strength 3000 PSI at 29 days with a mix nt leaner than 1:2:4 including RCC man hle cober (1/9" dia 3"-1/2 thick) complete as per approved drawing and design by engineer in charge (pre-cast). | 50 | Nos | 11,173.00 | P.No | 558,650 |
| | | | | | 1 | OTAL Rs. | 8,624,400 |
| | SH-II SE | EWERAGE LINE | | | | | |
| 1 | 313/05 | Excavation in all kinds of soil, murum, hard, average or soft including all lift and lead. | 15284 | cft | 1840.9 | %cft | 281,365 |
| 2 | 313/05 +15 | upto 8 feet | 9170 | cft | 2078.4 | %cft | 190,599 |
| 3 | 312/07 | Providing R.C.C pipes and collars of class 'B' and fixing in trench i/c cutting ,fitting and jointing with maxphalt composition and cement mortar (1:1) and back filling the excaforvated material in trench i/c testing with water to a pressure head of 50 feet (15.24m) and cartage within 10 miles (16.09 km), for 12 inches (305mm) dia, pipe | 1000 | Rft | 548.16 | P.Rft | 548,160 |

| | I | | | | 1 7 | OTAL Rs. | 1,616,768 |
|---|-----|---|----|-----|---------|----------|-----------|
| 6 | | Making connection with the existing manhole including the cost of cutting holes in walls, making them good in cement concrete 1:2:4 and making the required channel etc.complete. | 7 | Nos | 750.00 | P.NO | 5,250 |
| 5 | | Providing & laying R.C.C 1:2:4 slab cover 3" thick average (precost complete with M.S flat iron, M.S bars embedded in concrete) of any shape including the cost of reinforcement and welding etc. as per direction of Engineer Incharge. | 20 | cft | 2274.73 | P.cft | 45,495 |
| 4 | A/R | Providing circular manhole comprised of cylendrical and conical portions as per approved design and specifications complete with RCC 1:2:4 slab, 6 inches thick c.c. 1:3:6 Situ walls 9 inches thick with deduction of pipe holes CC 1:3:6 in foundation 6 inches thick and 1:2:4 CC in benching usind sulphte resisting cement in all cc works in cluding providing and fixing cost iron foot rest at every too foot of depth completed as per direction of engieer incharge but excluding the cost of excavation back filling and disposal of excavated stuff, manhole cover and frame. | | cft | 545.9 | P.cft | 545,900 |

Name of Work:Providing and Fixing CC Tuff paver at Different streets of Sector-5L in UC-08,District Central North Karachi.

ABSTRACT OF COST

 SH-ICC Tuff Paver
 Rs. 7,293,382

 TOTAL
 Rs. 7,293,382

Name of Work:Providing and Fixing CC Tuff paver at Different streets of Sector-5L in UC-08,District Central North Karachi.

| S.No | | item of work | Qty | | Rate | Unit | Amount |
|------|----------------------|--|-------|-----|-----------|-------|-----------|
| | SH-I Pro | oviding and Laying CC Tuff Paver | | | | | |
| 1 | S/R | Levelling and dressing the ground by cutting and filling earth upto 6 inches (152 mm) in depth including consolidating and watering, complete as required. | 30000 | Sft | 332.5 | %sft | 99,750 |
| 2 | 117/15 7 P 208 | Providing and laying in floor C.C. 1:2:4: tuff paver 2-1/2" thick of approved design and colour pattren (average strength 7000 psi) laid on sand cushion filling of joint with sand and warring etc. complete as per direction of Engineer Incharge. (the cost of sand cushion is included) | 30000 | sft | 135.13 | P.sft | 4,053,900 |
| 3 | 127/94 | Providing and laying 1:4:8 cement concrete in any thickness using 2" (51 mm) and down gauge stone ballast of approved grade and quality over prepared sub-grade or sand cushion in roads, paths, creteways laid to required gradient and camber including cost of necessary form work and its removal compacting with vibrators including curing etc. complete. | 9900 | cft | 27877.27 | % cft | 2,759,850 |
| 4 | | Providing and laying RCC Circular top slab (5 inch thick 3feet outer dia) for man hole, using crush graded boulder 3/4" and down gauge having a minimum works cube crushing strength 3000 PSI at 29 days with a mix nt leaner than 1:2:4 including RCC man hle cober (1/9" dia 3"-1/2 thick) complete as per approved drawing and design by engineer in charge (pre-cast). | 34 | Nos | 11,173.00 | P.No | 379,882 |

Name of Work:Providing and Fixing CC Tuff paver at Different streets of Sector-5K in UC-08,District Central North Karachi.

ABSTRACT OF COST

 SH-ICC Tuff Paver
 Rs. 7,293,382

 TOTAL
 Rs. 7,293,382

Name of Work:Providing and Fixing CC Tuff paver at Different streets of Sector-5K in UC-08,District Central North Karachi.

| S.No | | item of work | Qty | | Rate | Unit | Amount |
|------|----------------------|--|-------|-----|-----------|-------|-----------|
| | SH-I Pro | oviding and Laying CC Tuff Paver | | | | | |
| 1 | S/R | Levelling and dressing the ground by cutting and filling earth upto 6 inches (152 mm) in depth including consolidating and watering, complete as required. | 30000 | Sft | 332.5 | %sft | 99,750 |
| 2 | 117/15 7 P 208 | Providing and laying in floor C.C. 1:2:4: tuff paver 2-1/2" thick of approved design and colour pattren (average strength 7000 psi) laid on sand cushion filling of joint with sand and warring etc. complete as per direction of Engineer Incharge. (the cost of sand cushion is included) | 30000 | sft | 135.13 | P.sft | 4,053,900 |
| 3 | 127/94 | Providing and laying 1:4:8 cement concrete in any thickness using 2" (51 mm) and down gauge stone ballast of approved grade and quality over prepared sub-grade or sand cushion in roads, paths, creteways laid to required gradient and camber including cost of necessary form work and its removal compacting with vibrators including curing etc. complete. | 9900 | cft | 27877.27 | % cft | 2,759,850 |
| 4 | | Providing and laying RCC Circular top slab (5 inch thick 3feet outer dia) for man hole, using crush graded boulder 3/4" and down gauge having a minimum works cube crushing strength 3000 PSI at 29 days with a mix nt leaner than 1:2:4 including RCC man hle cober (1/9" dia 3"-1/2 thick) complete as per approved drawing and design by engineer in charge (pre-cast). | 34 | Nos | 11,173.00 | P.No | 379,882 |

TOTAL Rs. 7,293,382

Name of Work:Providing and Fixing CC Tuff paver and RCC Sewerage 12" dia at Different streets of Sector-11L,11I & 11K in UC-11,District Central North Karachi.

ABSTRACT OF COST

SH-ICC Tuff Paver SH-II SEWERAGE LINE Rs. 8,624,400 1,616,768

TOTAL Rs. 10,241,168

Name of Work:Providing and Fixing CC Tuff paver and RCC Sewerage 12" dia at Different streets of Sector-11L,11I & 11K in UC-11,District Central North Karachi.

| S.No | | item of work | Qty | | Rate | Unit | Amount |
|------|----------------------|--|-------|-----|-----------|----------|-----------|
| | SH-I Pro | oviding and Laying CC Tuff Paver | | | | | |
| 1 | S/R | Levelling and dressing the ground by cutting and filling earth upto 6 inches (152 mm) in depth including consolidating and watering, complete as required. | | Sft | 332.5 | %sft | 116,375 |
| 2 | 117/15 7 P 208 | Providing and laying in floor C.C. 1:2:4: tuff paver 2-1/2" thick of approved design and colour pattren (average strength 7000 psi) laid on sand cushion filling of joint with sand and warring etc. complete as per direction of Engineer Incharge. (the cost of sand cushion is included) | 35000 | sft | 135.13 | P.sft | 4,729,550 |
| 3 | 127/94 | Providing and laying 1:4:8 cement concrete in any thickness using 2" (51 mm) and down gauge stone ballast of approved grade and quality over prepared sub-grade or sand cushion in roads, paths, creteways laid to required gradient and camber including cost of necessary form work and its removal compacting with vibrators including curing etc. complete . | 11550 | cft | 27877.27 | % cft | 3,219,825 |
| 4 | | Providing and laying RCC Circular top slab (5 inch thick 3feet outer dia) for man hole, using crush graded boulder 3/4" and down gauge having a minimum works cube crushing strength 3000 PSI at 29 days with a mix nt leaner than 1:2:4 including RCC man hle cober (1/9" dia 3"-1/2 thick) complete as per approved drawing and design by engineer in charge (pre-cast). | | Nos | 11,173.00 | P.No | 558,650 |
| | | | | | | OTAL Rs. | 8,624,400 |
| 1 | | EXCAVATION IN All kinds of soil, murum, hard, average or soft including all lift and lead. | 15284 | cft | 1840.9 | %cft | 281,365 |
| 2 | 313/05 +15 | upto 8 feet | 9170 | cft | 2078.4 | %cft | 190,599 |
| 3 | 312/07 | Providing R.C.C pipes and collars of class 'B' and fixing in trench i/c cutting ,fitting and jointing with maxphalt composition and cement mortar (1:1) and back filling the excaforvated material in trench i/c testing with water to a pressure head of 50 feet (15.24m) and cartage within 10 miles (16.09 km),for 12 inches (305mm) dia,pipe | 1000 | Rft | 548.16 | P.Rft | 548,160 |

| | 1 | | | I | 1 | OTAL Rs. | 1,616,768 |
|---|-----|---|------|-----|---------|----------|-----------|
| 6 | | Making connection with the existing manhole including the cost of cutting holes in walls, making them good in cement concrete 1:2:4 and making the required channel etc.complete. | | Nos | 750.00 | P.NO | 5,250 |
| 5 | | Providing & laying R.C.C 1:2:4 slab cover 3" thick average (precost complete with M.S flat iron, M.S bars embedded in concrete) of any shape including the cost of reinforcement and welding etc. as per direction of Engineer Incharge. | 20 | cft | 2274.73 | P.cft | 45,495 |
| 4 | A/R | Providing circular manhole comprised of cylendrical and conical portions as per approved design and specifications complete with RCC 1:2:4 slab, 6 inches thick c.c. 1:3:6 Situ walls 9 inches thick with deduction of pipe holes CC 1:3:6 in foundation 6 inches thick and 1:2:4 CC in benching usind sulphte resisting cement in all cc works in cluding providing and fixing cost iron foot rest at every too foot of depth completed as per direction of engieer incharge but excluding the cost of excavation back filling and disposal of excavated stuff, manhole cover and frame. | 1000 | cft | 545.9 | P.cft | 545,900 |

Name of Work:Providing and Fixing CC Tuff paver at Different streets of Sector-11L & 11I in UC-11, District Central North Karachi.

ABSTRACT OF COST

Rs. 7,293,382 Rs. 7,293,382 **SH-ICC Tuff Paver**

Name of Work:Providing and Fixing CC Tuff paver at Different streets of Sector-11L & 11I in UC-11,District Central North Karachi.

| S.No | | item of work | Qty | | Rate | Unit | Amount |
|------|----------------------|--|-------|-----|-----------|-------|-----------|
| | SH-I Pro | oviding and Laying CC Tuff Paver | | | | | |
| 1 | S/R | Levelling and dressing the ground by cutting and filling earth upto 6 inches (152 mm) in depth including consolidating and watering, complete as required. | 30000 | Sft | 332.5 | %sft | 99,750 |
| 2 | 117/15 7 P 208 | Providing and laying in floor C.C. 1:2:4: tuff paver 2-1/2" thick of approved design and colour pattren (average strength 7000 psi) laid on sand cushion filling of joint with sand and warring etc. complete as per direction of Engineer Incharge. (the cost of sand cushion is included) | 30000 | sft | 135.13 | P.sft | 4,053,900 |
| 3 | 127/94 | Providing and laying 1:4:8 cement concrete in any thickness using 2" (51 mm) and down gauge stone ballast of approved grade and quality over prepared sub-grade or sand cushion in roads, paths, creteways laid to required gradient and camber including cost of necessary form work and its removal compacting with vibrators including curing etc. complete. | 9900 | cft | 27877.27 | % cft | 2,759,850 |
| 4 | | Providing and laying RCC Circular top slab (5 inch thick 3feet outer dia) for man hole, using crush graded boulder 3/4" and down gauge having a minimum works cube crushing strength 3000 PSI at 29 days with a mix nt leaner than 1:2:4 including RCC man hle cober (1/9" dia 3"-1/2 thick) complete as per approved drawing and design by engineer in charge (pre-cast). | 34 | Nos | 11,173.00 | P.No | 379,882 |

TOTAL Rs. 7,293,382

Name of Work:Providing and Fixing CC Tuff paver at Different streets of Sector-11I & 11K in UC-11, District Central North Karachi.

ABSTRACT OF COST

Rs. 7,293,382 Rs. 7,293,382 **SH-ICC Tuff Paver**

Name of Work:Providing and Fixing CC Tuff paver at Different streets of Sector-11I & 11K in UC-11,District Central North Karachi.

| S.No | | item of work | Qty | | Rate | Unit | Amount |
|------|----------------------|--|-------|-----|-----------|-------|-----------|
| | SH-I Pro | oviding and Laying CC Tuff Paver | | | | | |
| 1 | S/R | Levelling and dressing the ground by cutting and filling earth upto 6 inches (152 mm) in depth including consolidating and watering, complete as required. | | Sft | 332.5 | %sft | 99,750 |
| 2 | 117/15 7 P 208 | Providing and laying in floor C.C. 1:2:4: tuff paver 2-1/2" thick of approved design and colour pattren (average strength 7000 psi) laid on sand cushion filling of joint with sand and warring etc. complete as per direction of Engineer Incharge. (the cost of sand cushion is included) | 30000 | sft | 135.13 | P.sft | 4,053,900 |
| 3 | 127/94 | Providing and laying 1:4:8 cement concrete in any thickness using 2" (51 mm) and down gauge stone ballast of approved grade and quality over prepared sub-grade or sand cushion in roads, paths, creteways laid to required gradient and camber including cost of necessary form work and its removal compacting with vibrators including curing etc. complete. | 9900 | cft | 27877.27 | % cft | 2,759,850 |
| 4 | | Providing and laying RCC Circular top slab (5 inch thick 3feet outer dia) for man hole, using crush graded boulder 3/4" and down gauge having a minimum works cube crushing strength 3000 PSI at 29 days with a mix nt leaner than 1:2:4 including RCC man hle cober (1/9" dia 3"-1/2 thick) complete as per approved drawing and design by engineer in charge (pre-cast). | 34 | Nos | 11,173.00 | P.No | 379,882 |

TOTAL Rs. 7,293,382

Executive Engineer Central Civil Division No-VI Pak.PWD Karachi Name of Work:Providing and Fixing CC Tuff paver and RCC Sewerage 12" dia at Different streets of Sector-5C3 & 5C4 in UC-12,District Central North Karachi.

ABSTRACT OF COST

SH-ICC Tuff Paver SH-II SEWERAGE LINE Rs. 8,624,400 1,616,768

TOTAL Rs. 10,241,168

Name of Work:Providing and Fixing CC Tuff paver and RCC Sewerage 12" dia at Different streets of Sector-5C3 & 5C4 in UC-12,District Central North Karachi.

| S.No | | item of work | Qty | | Rate | Unit | Amount |
|------|----------------------|--|-------|-----|-----------|----------|-----------|
| | SH-I Pro | oviding and Laying CC Tuff Paver | | | | | |
| 1 | S/R | Levelling and dressing the ground by cutting and filling earth upto 6 inches (152 mm) in depth including consolidating and watering, complete as required. | | Sft | 332.5 | %sft | 116,375 |
| 2 | 117/15 7 P 208 | Providing and laying in floor C.C. 1:2:4: tuff paver 2-1/2" thick of approved design and colour pattren (average strength 7000 psi) laid on sand cushion filling of joint with sand and warring etc. complete as per direction of Engineer Incharge. (the cost of sand cushion is included) | 35000 | sft | 135.13 | P.sft | 4,729,550 |
| 3 | 127/94 | Providing and laying 1:4:8 cement concrete in any thickness using 2" (51 mm) and down gauge stone ballast of approved grade and quality over prepared sub-grade or sand cushion in roads, paths, creteways laid to required gradient and camber including cost of necessary form work and its removal compacting with vibrators including curing etc. complete . | 11550 | cft | 27877.27 | % cft | 3,219,825 |
| 4 | | Providing and laying RCC Circular top slab (5 inch thick 3feet outer dia) for man hole, using crush graded boulder 3/4" and down gauge having a minimum works cube crushing strength 3000 PSI at 29 days with a mix nt leaner than 1:2:4 including RCC man hle cober (1/9" dia 3"-1/2 thick) complete as per approved drawing and design by engineer in charge (pre-cast). | | Nos | 11,173.00 | P.No | 558,650 |
| | | | | | | OTAL Rs. | 8,624,400 |
| 1 | | EXCAVATION IN All kinds of soil, murum, hard, average or soft including all lift and lead. | 15284 | cft | 1840.9 | %cft | 281,365 |
| 2 | 313/05 +15 | upto 8 feet | 9170 | cft | 2078.4 | %cft | 190,599 |
| 3 | 312/07 | Providing R.C.C pipes and collars of class 'B' and fixing in trench i/c cutting ,fitting and jointing with maxphalt composition and cement mortar (1:1) and back filling the excaforvated material in trench i/c testing with water to a pressure head of 50 feet (15.24m) and cartage within 10 miles (16.09 km),for 12 inches (305mm) dia,pipe | 1000 | Rft | 548.16 | P.Rft | 548,160 |

| | 1 | | | I | 1 | OTAL Rs. | 1,616,768 |
|---|-----|---|------|-----|---------|----------|-----------|
| 6 | | Making connection with the existing manhole including the cost of cutting holes in walls, making them good in cement concrete 1:2:4 and making the required channel etc.complete. | | Nos | 750.00 | P.NO | 5,250 |
| 5 | | Providing & laying R.C.C 1:2:4 slab cover 3" thick average (precost complete with M.S flat iron, M.S bars embedded in concrete) of any shape including the cost of reinforcement and welding etc. as per direction of Engineer Incharge. | 20 | cft | 2274.73 | P.cft | 45,495 |
| 4 | A/R | Providing circular manhole comprised of cylendrical and conical portions as per approved design and specifications complete with RCC 1:2:4 slab, 6 inches thick c.c. 1:3:6 Situ walls 9 inches thick with deduction of pipe holes CC 1:3:6 in foundation 6 inches thick and 1:2:4 CC in benching usind sulphte resisting cement in all cc works in cluding providing and fixing cost iron foot rest at every too foot of depth completed as per direction of engieer incharge but excluding the cost of excavation back filling and disposal of excavated stuff, manhole cover and frame. | 1000 | cft | 545.9 | P.cft | 545,900 |

Name of Work:Providing and Fixing CC Tuff paver at Different streets of Sector-11A in UC-12, District Central North Karachi.

ABSTRACT OF COST

SH-ICC Tuff Paver

Rs. 7,293,382 Rs. 7,293,382

Name of Work:Providing and Fixing CC Tuff paver at Different streets of Sector-11A in UC-12,District Central North Karachi.

| S.No | | item of work | Qty | | Rate | Unit | Amount |
|------|----------------------|--|-------|-----|-----------|-------|-----------|
| | SH-I Pro | oviding and Laying CC Tuff Paver | | | | | |
| 1 | S/R | Levelling and dressing the ground by cutting and filling earth upto 6 inches (152 mm) in depth including consolidating and watering, complete as required. | 30000 | Sft | 332.5 | %sft | 99,750 |
| 2 | 117/15 7 P 208 | Providing and laying in floor C.C. 1:2:4: tuff paver 2-1/2" thick of approved design and colour pattren (average strength 7000 psi) laid on sand cushion filling of joint with sand and warring etc. complete as per direction of Engineer Incharge. (the cost of sand cushion is included) | 30000 | sft | 135.13 | P.sft | 4,053,900 |
| 3 | 127/94 | Providing and laying 1:4:8 cement concrete in any thickness using 2" (51 mm) and down gauge stone ballast of approved grade and quality over prepared sub-grade or sand cushion in roads, paths, creteways laid to required gradient and camber including cost of necessary form work and its removal compacting with vibrators including curing etc. complete. | 9900 | cft | 27877.27 | % cft | 2,759,850 |
| 4 | | Providing and laying RCC Circular top slab (5 inch thick 3feet outer dia) for man hole, using crush graded boulder 3/4" and down gauge having a minimum works cube crushing strength 3000 PSI at 29 days with a mix nt leaner than 1:2:4 including RCC man hle cober (1/9" dia 3"-1/2 thick) complete as per approved drawing and design by engineer in charge (pre-cast). | 34 | Nos | 11,173.00 | P.No | 379,882 |

TOTAL Rs. 7,293,382

Name of Work:Providing and Fixing CC Tuff paver at Different streets of Sector-11B in UC-12, District Central North Karachi.

ABSTRACT OF COST

Rs. 7,293,382 Rs. 7,293,382 **SH-ICC Tuff Paver**

Name of Work:Providing and Fixing CC Tuff paver at Different streets of Sector-11B in UC-12,District Central North Karachi.

| S.No | | item of work | Qty | | Rate | Unit | Amount |
|------|----------------------|--|-------|-----|-----------|-------|-----------|
| | SH-I Pro | oviding and Laying CC Tuff Paver | | | | | |
| 1 | S/R | Levelling and dressing the ground by cutting and filling earth upto 6 inches (152 mm) in depth including consolidating and watering, complete as required. | 30000 | Sft | 332.5 | %sft | 99,750 |
| 2 | 117/15 7 P 208 | Providing and laying in floor C.C. 1:2:4: tuff paver 2-1/2" thick of approved design and colour pattren (average strength 7000 psi) laid on sand cushion filling of joint with sand and warring etc. complete as per direction of Engineer Incharge. (the cost of sand cushion is included) | 30000 | sft | 135.13 | P.sft | 4,053,900 |
| 3 | 127/94 | Providing and laying 1:4:8 cement concrete in any thickness using 2" (51 mm) and down gauge stone ballast of approved grade and quality over prepared sub-grade or sand cushion in roads, paths, creteways laid to required gradient and camber including cost of necessary form work and its removal compacting with vibrators including curing etc. complete. | 9900 | cft | 27877.27 | % cft | 2,759,850 |
| 4 | | Providing and laying RCC Circular top slab (5 inch thick 3feet outer dia) for man hole, using crush graded boulder 3/4" and down gauge having a minimum works cube crushing strength 3000 PSI at 29 days with a mix nt leaner than 1:2:4 including RCC man hle cober (1/9" dia 3"-1/2 thick) complete as per approved drawing and design by engineer in charge (pre-cast). | 34 | Nos | 11,173.00 | P.No | 379,882 |

TOTAL Rs. 7,293,382

Executive Engineer Central Civil Division No-VI Pak.PWD Karachi Name of Work:Providing and Fixing CC Tuff paver and RCC Sewerage 12" dia at Different streets of Sector-8 & 9 in UC-13, District Central North Karachi.

ABSTRACT OF COST

SH-ICC Tuff Paver SH-II SEWERAGE LINE Rs. 8,624,400 1,616,768

TOTAL Rs. 10,241,168

Name of Work:Providing and Fixing CC Tuff paver and RCC Sewerage 12" dia at Different streets of Sector-8 & 9 in UC-13,District Central North Karachi.

| S.No | | item of work | Qty | | Rate | Unit | Amount |
|------|----------------------|--|-------|-------|-----------|----------|-----------|
| | SH-I Pro | oviding and Laying CC Tuff Paver | | | | | |
| 1 | S/R | Levelling and dressing the ground by cutting and filling earth upto 6 inches (152 mm) in depth including consolidating and watering, complete as required. | 35000 | Sft | 332.5 | %sft | 116,375 |
| 2 | 117/15 7 P 208 | 7000 psi) laid on sand cushion filling of joint with sand and warring etc. complete as per direction of Engineer Incharge. (the cost of sand cushion is included) | | P.sft | 4,729,550 | | |
| 3 | 127/94 | Providing and laying 1:4:8 cement concrete in any thickness using 2" (51 mm) and down gauge stone ballast of approved grade and quality over prepared sub-grade or sand cushion in roads, paths, creteways laid to required gradient and camber including cost of necessary form work and its removal compacting with vibrators including curing etc. complete. | 11550 | cft | 27877.27 | % cft | 3,219,825 |
| 4 | | Providing and laying RCC Circular top slab (5 inch thick 3feet outer dia) for man hole, using crush graded boulder 3/4" and down gauge having a minimum works cube crushing strength 3000 PSI at 29 days with a mix nt leaner than 1:2:4 including RCC man hle cober (1/9" dia 3"-1/2 thick) complete as per approved drawing and design by engineer in charge (pre-cast). | 50 | Nos | 11,173.00 | P.No | 558,650 |
| | | | | | 1 | OTAL Rs. | 8,624,400 |
| | SH-II SE | EWERAGE LINE | | | | | |
| 1 | 313/05 | Excavation in all kinds of soil, murum, hard, average or soft including all lift and lead. | 15284 | cft | 1840.9 | %cft | 281,365 |
| 2 | 313/05 +15 | upto 8 feet | 9170 | cft | 2078.4 | %cft | 190,599 |
| 3 | 312/07 | Providing R.C.C pipes and collars of class 'B' and fixing in trench i/c cutting ,fitting and jointing with maxphalt composition and cement mortar (1:1) and back filling the excaforvated material in trench i/c testing with water to a pressure head of 50 feet (15.24m) and cartage within 10 miles (16.09 km), for 12 inches (305mm) dia, pipe | 1000 | Rft | 548.16 | P.Rft | 548,160 |

| 6 | | Making connection with the existing manhole including the cost of cutting holes in walls, making them good in cement concrete 1:2:4 and making the required channel etc.complete. | | Nos | 750.00 | P.NO | 5,250 |
|---|-----|---|------|-----|---------|-------|---------|
| 5 | | Providing & laying R.C.C 1:2:4 slab cover 3" thick average (precost complete with M.S flat iron, M.S bars embedded in concrete) of any shape including the cost of reinforcement and welding etc. as per direction of Engineer Incharge. | 20 | cft | 2274.73 | P.cft | 45,495 |
| 4 | A/R | Providing circular manhole comprised of cylendrical and conical portions as per approved design and specifications complete with RCC 1:2:4 slab, 6 inches thick c.c. 1:3:6 Situ walls 9 inches thick with deduction of pipe holes CC 1:3:6 in foundation 6 inches thick and 1:2:4 CC in benching usind sulphte resisting cement in all cc works in cluding providing and fixing cost iron foot rest at every too foot of depth completed as per direction of engieer incharge but excluding the cost of excavation back filling and disposal of excavated stuff, manhole cover and frame. | 1000 | cft | 545.9 | P.cft | 545,900 |



GOVERNMENT OF PAKISTAN PAKISTAN PUBLIC WORKS DEPARTMENT

PAK. P.W.D. OFFICE BLOCK, 16-CANTT. STATION ROAD,

ADJACENT CANTT. POST OFFICE, SADDAR, KARACHI-75530

PH#99332066

No. EE.CCD-VI/AB/NIT/4038

Karachi dated: 13th March 2024.

INVITATION TO BID

The Executive Engineer, Central Civil Division No. VI, Pak PWD, Karachi, invites sealed tenders, under Single Stage Two Envelope & on percentage rate basis for the work tabulated hereunder, from the Contractors/Firms registered with Income Tax, Sindh Revenue Board& having valid licence of Pakistan Engineering Council in appropriate category & field of specializations.

- 2. A complete set of Bidding Documents containing detailed terms and conditions may be purchased by an interested eligible bidder upon payment of a non-refundable fee as shown against each in cash.
- 3. Bidders will submit two sealed envelopes simultaneously, one containing the Technical Proposal and the other Financial Proposals, duly marked separately and enclosed together in an outer single envelope, in consonance with Rule-36(b) of PPRA 2004, so as to reach the undersigned. Technical proposals will be opened on the same day in the presence of bidders/representatives who choose to attend, at the same address. The time and schedule are narrated hereunder:

i. Issuance of Bidding documents up to: 01-04-2024 (office Hours).
ii. Casting/dropping of Bids up to: 02-04-2024. 11:00 A.M.
iii. Opening of Technical Bids on: 02-04-2024. 11:30 A.M.

4. In accordance with PPRA Rule-25; Bid Security i.e fixed amount as mentioned against each work is required, in shape of **CDR/Pay order/Bank Draft/Bank Guarantee** by any schedule bank in favor of undersigned. The bidder will submit /attached original bid Security along with Technical Proposal; otherwise it will be treated NON-RESPONSIVE.

| S. No. | Name of Schemes | Amount (Million) | Bid Security /Earnest Money | Tender Cost |
|--------|---|---------------------|-----------------------------------|----------------|
| 1 | Providing and Fixing CC Tuff paver and RCC Sewerage 12" dia at Different streets of Arslan Homes, Shah Nawaz Bhutto Colony in UC- 01,District Central North Karachi. | 13.713 | 411,400 | 2,000 |
| 2 | Providing and Fixing CC Tuff paver at Different streets of Sector-2 in UC-01, District Central North Karachi. | 9.766 | 293,000 | 2,000 |
| 3 | Providing and Fixing CC Tuff paver at Different streets of Sector-3 in UC-01, District Central North Karachi. | 9.766 | 293,000 | 2,000 |
| 4 | Providing and Fixing CC Tuff paver and RCC Sewerage 12" dia at Different streets of Sector 5A-1&2 in UC-02, District Central North Karachi. | 13.713 | 411,400 | 2,000 |

| 5 | Providing and Fixing CC Tuff paver at Different streets of 5B1&2 in UC-02,District Central North Karachi. | 9.766 | 293,000 | 2,000 |
|----|---|--------|---------|-------|
| 6 | Providing and Fixing CC Tuff paver at Different streets of 5A3&4 in UC-02,District Central North Karachi. | 9.766 | 293,000 | 2,000 |
| 7 | Providing and Fixing CC Tuff paver and RCC Sewerage 12" dia at Different streets of Sector- 5B3 & 5C1 UC-03, District Central North Karachi. | 13.713 | 411,400 | 2,000 |
| 8 | Providing and Fixing CC Tuff paver at Different streets of Sector-5C2 in UC-03, District Central North Karachi. | 9.766 | 293,000 | 2,000 |
| 9 | Providing and Fixing CC Tuff paver at Different streets of Sector-4 in UC-03, District Central North Karachi. | 9.766 | 293,000 | 2,000 |
| 10 | Providing and Fixing CC Tuff paver and RCC Sewerage 12" dia at Different streets of Sector 5M & 5I in UC-04, District Central North Karachi. | 13.713 | 411,400 | 2,000 |
| 11 | Providing and Fixing CC Tuff paver at Different streets of Sector 5M in UC-04, District Central North Karachi. | 9.766 | 293,000 | 2,000 |
| 12 | Providing and Fixing CC Tuff paver at Different streets of Sector 5M & 5I in UC-04,District Central North Karachi. | 9.766 | 293,000 | 2,000 |
| 13 | Providing and Fixing CC Tuff paver and RCC Sewerage 12" dia at Different streets of Sector-5L & 5K in UC-08, District Central North Karachi. | 13.713 | 411,400 | 2,000 |
| 14 | Providing and Fixing CC Tuff paver at Different streets of Sector-5L in UC-08, District Central North Karachi. | 9.766 | 293,000 | 2,000 |
| 15 | Providing and Fixing CC Tuff paver at Different streets of Sector- 5K in UC-08, District Central North Karachi. | 9.766 | 293,000 | 2,000 |
| 16 | Providing and Fixing CC Tuff paver and RCC Sewerage 12" dia at Different streets of Sector-11L,11I & 11K in UC-11,District Central North Karachi. | 13.713 | 411,400 | 2,000 |
| 17 | Providing and Fixing CC Tuff paver at Different streets of Sector-11L & 11I in UC-11, District Central North Karachi. | 9.766 | 293,000 | 2,000 |

| 18 | Providing and Fixing CC Tuff paver at Different streets of Sector-111 & 11K in UC-11, District Central North Karachi. | 9.766 | 293,000 | 2,000 |
|----|--|--------|---------|-------|
| 19 | Providing and Fixing CC Tuff paver and RCC Sewerage 12" dia at Different streets of Sector-5C3 & 5C4 in UC-12, District Central North Karachi. | 13.713 | 411,400 | 2,000 |
| 20 | Providing and Fixing CC Tuff paver at Different streets of Sector-11A in UC-12, District Central North Karachi. | 9.766 | 293,000 | 2,000 |
| 21 | Providing and Fixing CC Tuff paver at Different streets of Sector- 11B in UC-12,District Central North Karachi. | 9.766 | 293,000 | 2,000 |
| 22 | Providing and Fixing CC Tuff paver and RCC Sewerage 12" dia at Different streets of Sector-8 & 9 in UC-13,District Central North Karachi. | 13.713 | 411,400 | 2,000 |

Terms & Conditions:

6. No bidding document will be issued on the day of opening & no application will be entertained for issuance after cutoff date as mentioned at para 3(i), which will strictly be adhered to. The competent authority in accordance with PPRA Rules-33 of 2004 may reject all bids/proposals any time prior to the acceptance of a bid/proposal. Other terms and conditions as envisaged in the bidding documents will apply mutatis mutandis.

(IMRAN SHAMS)

Executive Engineer Central Civil Div. No. VI, Pak. P.W.D. Karachi.