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Facilities - USA, LLC

Preliminary Estimate, by estimates

Francisco Rendon

Facilities USA

R5085 - 2012 TCPN JOC Facilities USA

Concrete Work & Water Line Improvements Constable Pct 1

Bldg - 2013-032-01-16-MSS

Estimator: Francisco Rendon

Concrete Work & Water Line Improvements Constable Pct 1 Bldg

Division Summary (MF04)

01 - General Requirements	\$40,250.00
02 - Existing Conditions	\$1,608.45
03 - Concrete	
04 - Masonry	
05 - Metals	
06 - Wood, Plastics, and Composites	
07 - Thermal and Moisture Protection	
08 - Openings	
09 - Finishes	
10 - Specialties	
11 - Equipment	
12 - Furnishings	
13 - Special Construction	
14 - Conveying Equipment	
21 - Fire Suppression	\$1,885.00
22 - Plumbing	\$12,258.00
23 - Heating, Ventilating, and Air-Conditioning (HVAC)	

26 - Electrical	\$1,351.02
27 - Communications	
28 - Electronic Safety and Security	
31 - Earthwork	\$7,360.00
32 - Exterior Improvements	\$52,237.15
33 - Utilities	\$12,773.25
34 - Transportation	
35 - Waterway and Marine Transportation	
41 - Material Processing and Handling Equipment	
44 - Pollution Control Equipment	
46 - Water and Wastewater Equipment	
48 - Electric Power Generation	
Alternates	
Trades	
Assemblies	
MF04 Bare Total (Without totalling components)	\$129,722.87

Totalling Components

Priced Line Items Subtotal	\$129,722.87
RSMMeans MCALLEN, TX CCI 2012Q4, 78.10%	\$(28,409.31)
2012 TCPN JOC Facilities USA Normal (-12.0000%)	\$(12,157.63)

Nonpriced Line Items Subtotal	
2012 TCPN JOC Facilities USA Nonpriced ()	

Material, Labor, and Equipment Totals (No Totalling Components)

Material:	\$53,427.57
Labor:	\$70,476.28
Equipment:	\$3,632.10
Other:	\$2,186.92
Laborhours:	469.06
Green Line Items:0	\$0.00

Priced/Non-Priced

Total Priced Items:	32	\$129,722.87	
Total Non-Priced Items:	0	\$0.00	0.00%
	32	\$129,722.87	

Grand Total

\$89,155.93

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Totalling Component Details

Description	Item Count	Applicable Amount	Applied Amount	Applied Result	Balance
Priced Line Items Subtotal Included in Total: Yes Type: Total, Master Format Type: MF04 Values: Total Includes: Priced Filtering: (none)	32	\$129,722.87		\$129,722.87	\$129,722.87
RMeans MCALLEN, TX CCI 2012Q4, 78.10% Included in Total: Yes Type: RMeans CCI (Project Level) RMeans MCALLEN, TX CCI 2012Q4, 78.10% Subtotal based on 1 items: "Priced Line Items Subtotal"		\$129,722.87	(21.9000)%	\$(28,409.31)	\$101,313.56
!012 TCPN JOC Facilities USA Normal Included in Total: Yes Type: Percentage Subtotal based on 2 items: "Priced Line Items Subtotal", "RMeans MCALLEN, TX CCI (Current)"		\$101,313.56	(12.0000)%	\$(12,157.63)	\$89,155.93
Nonpriced Line Items Subtotal Included in Total: Yes Type: Total, Master Format Type: MF04 Values: Total Includes: Non Priced Filtering: (none)					\$89,155.93
!012 TCPN JOC Facilities USA Nonpriced Included in Total: Yes Type: Percentage Subtotal based on 1 items: "Nonpriced Line Items Subtotal"					\$89,155.93

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Concrete Work & Water Line Improvements Constable Pct 1 Bldg

Item	Description	UM	Quantity	Unit Cost	Total	Book		
1 - General Requirements								
1	01-31-13-20-0160	Field personnel, general purpose laborer, average	Week	10.0000	\$2,125.00	\$21,250.00	RSM12FAC L, O&P	P
2	01-31-13-20-0180	Field personnel, project manager, minimum	Week	2.0000	\$2,850.00	\$5,700.00	RSM12FAC L, O&P	P
3	01-31-13-20-0240	Field personnel, superintendent, minimum	Week	4.0000	\$2,775.00	\$11,100.00	RSM12FAC L, O&P	P
4	01-31-13-90-0100	Performance bond, for buildings, maximum	Job	88,000.0000	2.5000%	\$2,200.00	RSM12FAC O&P	P
01 - General Requirements Total						\$40,250.00		
2 - Existing Conditions								
5	02-41-13-17-5200	Demolish, remove pavement and curb, excludes hauling and disposal fees, concrete to 6" thick, hydraulic hammer, mesh reinforced	S.Y.	38.0000	\$15.15	\$575.70	RSM12FAC L, E, O&P	P
3	02-41-13-17-6100	Demolish, remove pavement and curb, excludes hauling and disposal fees, curbs, concrete, reinforced	L.F.	130.0000	\$6.75	\$877.50	RSM12FAC L, E, O&P	P
7	02-41-13-17-6100	Demolish, remove pavement and curb, excludes hauling and disposal fees, curbs, concrete, reinforced	L.F.	23.0000	\$6.75	\$155.25	RSM12FAC L, E, O&P	P
02 - Existing Conditions Total						\$1,608.45		
1 - Fire Suppression								
3	21-11-19-50-7930	Connections for the fire-department, standpipe connections, wall, with plugs and chains, three way, flush, polished brass, 2-1/2" (3) x 6"	Ea.	1.0000	\$1,750.00	\$1,750.00	RSM12FAC M, L, O&P	P
3	21-12-13-50-5660	Fire hoses and nozzles, nozzles, brass, adjustable fog, 2-1/2" direct connection	Ea.	1.0000	\$135.00	\$135.00	RSM12FAC M, O&P	P
21 - Fire Suppression Total						\$1,885.00		
2 - Plumbing								
0	22-11-13-44-0650	Pipe, steel, schedule 40, A-53 grade, threaded, including couplings, and clevis hanger assemblies sized for covering, 10' O.C., black, 4" diameter	L.F.	32.0000	\$81.50	\$2,608.00	RSM12FAC M, L, O&P	P
1	22-11-19-42-1420	Backflow preventers, includes valves and four test cocks, corrosion resistant, automatic operation, double check principle, flanged, valves are OS&Y, 6" pipe size	Ea.	1.0000	\$9,650.00	\$9,650.00	RSM12FAC M, L, O&P	P
22 - Plumbing Total						\$12,258.00		

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Item	Description	UM	Quantity	Unit Cost	Total	Book	
6 - Electrical							
2	26-05-39-30-3270	Conduit in concrete slab, including terminations, fittings and supports, PVC, schedule 40, 1" diameter	L.F.	71.0000	\$4.62	\$328.02 RSM12FAC M, L, O&P	P
3	26-05-39-30-3530	Conduit in concrete slab, PVC, schedule 40, sweeps, 30" radius, 1" diameter	Ea.	20.0000	\$50.50	\$1,010.00 RSM12FAC M, L, O&P	P
4	26-05-39-30-3770	Conduit in concrete slab, PVC, schedule 40, couplings, 1" diameter	Ea.	20.0000	\$0.65	\$13.00 RSM12FAC M, O&P	P
26 - Electrical Total						\$1,351.02	
1 - Earthwork							
5	31-63-26-13-0200	Fixed end caisson piles, includes excavation, concrete, 50 lb. reinforcing per C.Y., excluding mobilization, boulder removal, disposal, casings or ground water, open style, machine drilled, to 50' deep, in stable ground, 24" diameter, 0.116 C.Y. per L.F.	V.L.F.	160.0000	\$46.00	\$7,360.00 RSM12FAC M, L, E, O&P	P
31 - Earthwork Total						\$7,360.00	
2 - Exterior Improvements							
6	32-13-13-23-0020	Concrete paving surface treatment, including joints, finishing and curing, 4500 PSI, fixed form, 12' pass, unreinforced, 6" thick	S.Y.	110.0000	\$25.50	\$2,805.00 RSM12FAC M, L, E, O&P	P
7	32-13-13-23-0020	Concrete paving surface treatment, including joints, finishing and curing, 4500 PSI, fixed form, 12' pass, unreinforced, 6" thick	S.Y.	38.0000	\$25.50	\$969.00 RSM12FAC M, L, E, O&P	P
8	32-13-13-23-0020	Concrete paving surface treatment, including joints, finishing and curing, 4500 PSI, fixed form, 12' pass, unreinforced, 6" thick	S.Y.	395.0000	\$25.50	\$10,072.50 RSM12FAC M, L, E, O&P	P
9	32-13-13-23-0020	Concrete paving surface treatment, including joints, finishing and curing, 4500 PSI, fixed form, 12' pass, unreinforced, 6" thick	S.Y.	24.0000	\$25.50	\$612.00 RSM12FAC M, L, E, O&P	P
0	32-13-13-23-0020-0510	Concrete paving surface treatment, for small irregular areas, add (Modified using 32-13-13-23-0510)	S.Y.	40.0000	\$4.25	\$170.00 RSM12FAC M, L, E, O&P	P
1	32-13-13-23-0505	Concrete paving surface treatment, minimum labor/equipment charge	Job	2.0000	\$530.00	\$1,060.00 RSM12FAC L, O&P	P
2	32-13-13-23-0520-0610	Concrete paving surface treatment, for under 10' pass, add (Modified using 32-13-13-23-0610)	%	100.0000	\$2.14	\$214.00 RSM12FAC M, L, O&P	P
3	32-13-13-23-0540	Concrete paving surface treatment, reinforcing steel for rigid paving, 18 lb. per S.Y.	S.Y.	560.0000	\$13.15	\$7,364.00 RSM12FAC M, L, O&P	P
4	32-16-13-13-0404	Cast in place concrete curbs and gutters, forms and concrete complete, concrete, wood forms, 6" x 18", straight	L.F.	2,191.0000	\$12.15	\$26,620.65 RSM12FAC M, L, O&P	P

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2 - Exterior Improvements

Item	Description	UM	Quantity	Unit Cost	Total	Book
5 32-16-13-13-0430	Cast in place concrete curbs and gutters, forms and concrete complete, curb and L.F. gutter, straight, with 6" high curb and 6" thick gutter, wood forms, 24" wide, .055 C.Y. per L.F.		100.0000	\$23.50	\$2,350.00	RSM12FAC M, L, O&P

32 - Exterior Improvements Total

\$52,237.15

3 - Utilities

6 33-11-13-25-2120	Water supply, polyvinyl chloride pipe, excluding excavation or backfill, PVC pipe, Class 150, 2" diameter	L.F.	150.0000	\$1.75	\$262.50	RSM12FAC M, L, O&P
7 33-11-13-25-4520	Water supply, polyvinyl chloride pipe, excluding excavation or backfill, pressure pipe Class 150, SDR 18, AWWA C900, 4" diameter	L.F.	188.0000	\$8.25	\$1,551.00	RSM12FAC M, L, O&P
8 33-11-13-25-4530	Water supply, polyvinyl chloride pipe, excluding excavation or backfill, pressure pipe Class 150, SDR 18, AWWA C900, 6" diameter	L.F.	380.0000	\$13.15	\$4,997.00	RSM12FAC M, L, O&P
9 33-12-13-15-4800	Tapping, crosses and sleeves, drill and tap pressurized main, excluding excavation or backfill, labor only, tap and insert gate valve, 12" main, 6" branch	Ea.	3.0000	\$845.00	\$2,535.00	RSM12FAC L, E, O&P
0 33-12-16-10-3814	Valves, water distribution, excluding excavation or backfill, gate valves, cast iron, 250 PSI, including mechanical joint and valve boxes, 6" diameter	Ea.	1.0000	\$1,025.00	\$1,025.00	RSM12FAC M, L, E, O&P
1 33-12-19-10-1260	Fire hydrants, excluding excavation or backfill, including mechanical joints, fire hydrants, two way, 4-1/2" valve size, depth 6'-0"	Ea.	1.0000	\$2,275.00	\$2,275.00	RSM12FAC M, L, E, O&P
2 33-12-19-10-1260-2350	Fire hydrants, for threeway valves, add (Modified using 33-12-19-10-2350)	Ea.	1.0000	\$127.75	\$127.75	RSM12FAC M, O&P

33 - Utilities Total

\$12,773.25

Estimate Grand Total

89,155.93