

	نگهداشت و افزایش تولید میدان نفتی بینک سطح الارض احداث ردیف تراکم گاز در ایستگاه جمع آوری بینک							 
	MTO FOR HVAC & PLUMBING FOR GCS WAREHOUSE							
شماره پیمان:	پروژه	بسته کاری	صادر کننده	تسهیلات	رشته	نوع مدرک	سریال	نسخه
۰۵۳ - ۰۷۳ - ۹۱۸۴	BK	GCS	PEDCO	120	HV	MT	0004	D00
شماره صفحه: ۱ از ۵								

طرح نگهداشت و افزایش تولید ۲۷ مخزن

MTO FOR HVAC & PLUMBING FOR GCS WAREHOUSE

نگهداشت و افزایش تولید میدان نفتی بینک

D00	MAY.2024	IFI	K.Ahmadi	M.Fakharian	S.Faramarzpour	
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status:	IDC: Inter-Discipline Check IFC: Issued For Comment IFA: Issued For Approval AFD: Approved For Design AFC: Approved For Construction AFP: Approved For Purchase AFQ: Approved For Quotation IFI: Issued For Information AB-R: As-Built for CLIENT Review AB-A: As-Built –Approved
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 NISOC	نگهداشت و افزایش تولید میدان نفتی بینک سطح الارض احداث ردیف تراکم گاز در ایستگاه جمع آوری بینک						 		
	MTO FOR HVAC & PLUMBING FOR GCS WAREHOUSE								
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REVISION RECORD SHEET

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NON PAINTABLE GALVANIZED SHEET AND RELATED SUPPORTS

Item	Description	Unit	Size	Qty.	Remark
1	Noun paintable Galvanized sheet with 0.5 mm thickness.	M ²	-	10	-
2	Noun paintable Galvanized sheet with 0.6 mm thickness.	M ²	-	35	-
3	Painted Carbon steel angle.	M (length)	25*25*3 MM	19	-
4	Hex head bolt.	Piece	Ø=8 MM	80	-
5	Aluminum Rivet.	Piece	Ø=4.5 MM	80	-
6	Galvanized Hanger Rod.	M (length)	Ø=8 MM	21	-
7	Washer and Nut.	Piece	Ø=8 MM	110	-
8	Anchors Bolt.	Piece	Ø=8 MM	30	-

SUPPLY AIR DIFFUSER

Item	Description	Unit	Size	Qty.	Remark
1	Square four-way ceiling diffuser from extruded aluminum profile with 1.25mm thickness and anodized finish.	Piece	230*150 MM	2	-
2	Square four-way ceiling diffuser from extruded aluminum profile with 1.25mm thickness and anodized finish.	Piece	230*230 MM	1	-

EXHAUST AIR GRILL

Item	Description	Unit	Size	Qty.	Remark
1	Square egg crate grill from extruded aluminum profile with 1.25mm thickness and anodized finish.	Piece	150*150 MM	1	-
2	Square egg crate grill from extruded aluminum profile with 1.25mm thickness and anodized finish.	Piece	300*200 MM	1	-
3	Square egg crate grill from extruded aluminum profile with 1.25mm thickness and anodized finish.	Piece	300*300 MM	1	-

OPPOSED BLADE MANUAL VOLUME DAMPER

Item	Description	Unit	Size	Qty.	Remark
1	Duct mounted opposed blade volume damper with 1.5mm thickness galvanized steel sheet for frames and blades.	Piece	150*100 MM	1	-
2	Duct mounted opposed blade volume damper with 1.5mm thickness galvanized steel sheet for frames and blades.	Piece	200*150 MM	1	-
3	Duct mounted opposed blade volume damper with 1.5mm thickness galvanized steel sheet for frames and blades.	Piece	200*200 MM	1	-
4	Duct mounted opposed blade volume damper with 1.5mm thickness galvanized steel sheet for frames and blades.	Piece	250*200 MM	1	-
5	Duct mounted opposed blade volume damper with 1.5mm thickness galvanized steel sheet for frames and blades.	Piece	300*150 MM	1	-
6	Duct mounted opposed blade volume damper with 1.5mm thickness galvanized steel sheet for frames and blades.	Piece	300*250 MM	1	-

BLAST PROTECTION DAMPER

Item	Description	Unit	Size	Qty.	Remark
1	Blast protection damper with 2mm thickness galvanized steel sheet for frames and blades.	Piece	300*300 MM	1	-
2	Blast protection damper with 2mm thickness galvanized steel sheet for frames and blades.	Piece	350*300 MM	1	-

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FIRE DAMPER

Item	Description	Unit	Size	Qty.	Remark
1	Fusible link fire damper with 2mm thickness galvanized steel sheet for frames and blades.	Piece	300*300 MM	1	-
2	Fusible link fire damper with 2mm thickness galvanized steel sheet for frames and blades.	Piece	350*300 MM	2	-

POLYPROPYLENE (PP) PIPE ACCORDING TO ASTM F2389 OR ISIRI 6314-1,2 AND FITTINGS FOR CONDENSATE PIPES AND RELATED SUPPORTS

Item	Description	Unit	Size	Qty.	Remark
1	Polypropylene (pp) pipe.	M (length)	25 MM	13	-
2	Polypropylene (pp) pipe.	M (length)	32 MM	9	-
3	Polypropylene (pp) elbow 90°.	Piece	25 MM	4	-
5	Polypropylene (pp) unequal Tee 90°.	Piece	32*25*32 MM	2	-
6	Polypropylene (pp) concentric reducer.	Piece	32*25 MM	1	-

5-LAYER POLYETHYLENE PIPE PEX -AL- PEX ACCORDING TO ASTM F1281/1282 AND FITTINGS ACCORDING TO ASTM F1281/1282 FOR PCW AND PHW PIPES AND RELATED SUPPORTS

Item	Description	Unit	Size	Qty.	Remark
1	5-layer PEX-AL-PEX pipe.	M (length)	20 MM	18	-
2	5-layer PEX-AL-PEX pipe.	M (length)	25 MM	7	-
3	PEX-AL-PEX Wall Mounted Elbow 90°	Piece	20 MM*1/2"	7	-
4	PEX-AL-PEX Equal Tee 90°	Piece	20	1	-
5	PEX-AL-PEX Unqual Tee 90°	Piece	25*20*20	1	-
6	PEX-AL-PEX Unqual Tee 90°	Piece	25*20*25	2	-
7	5-layer PEX-AL-PEX pipe Bracket and self drilling Screw.	Piece	20 MM	10	-
8	5-layer PEX-AL-PEX pipe Bracket and self drilling Screw.	Piece	25 MM	5	-
9	Painted Carbon steel angle.	M (length)	25*25*3 MM	6	-
10	Anchors Bolt.	Piece	Ø=8 MM	10	-
12	Elastomeric thermal insulation(10 MM thickness)	M (length)	20 MM	6	-

GALVANIZED STEEL PIPE ACCORDING TO EN 10255 AND FITTINGS PCW AND PHW PIPES

Item	Description	Unit	Size	Qty.	Remark
1	Galvanized steel pipe.	M (length)	20 MM	2	-
2	Galvanized steel threaded union.	Piece	20 MM	1	-
3	Galvanized steel unequal tee 90°.	Piece	20*15*20	2	-
4	Galvanized steel nipple.	Piece	15 MM	2	-
5	Elastomeric thermal insulation(25 MM thickness)	M (length)	20 MM	6	-

BRASS (OR BRONZE) VALVE, STRAINER AND CHECK VALVE

Item	Description	Unit	Size	Qty.	Remark
1	Threaded type 10 bar globe valve for valve box of main branch.	Piece	20 MM	1	-
2	Threaded type 10 bar gate valve for valve box of main branch.	Piece	15 MM	2	-
3	Threaded type 10 bar check valve for valve box of main branch.	Piece	20 MM	1	-
4	Threaded type 10 bar strainer for valve box of main branch.	Piece	20 MM	1	-
5	Flexible hose and threaded butterfly valve for water heater.	Piece	16 MM	2	-

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PVC-U (BD-TYPE) SEWER, VENT PIPES AND FITTINGS ACCORDING TO EN 1451 AND RELATED SUPPORTS.

Item	Description	Unit	Size	Qty.	Remark
1	PVC-U (BD-Type) pipe.	M (length)	50 MM	9	-
2	PVC-U (BD-Type) pipe.	M (length)	110 MM	5	-
3	PVC-U (BD-Type) elbow 90°.	Piece	50 MM	7	-
4	PVC-U (BD-Type) equal Tee 90°.	Piece	50 MM	1	-
4	PVC-U (BD-Type) equal Tee 45°.	Piece	110 MM	2	-
5	PVC-U (BD-Type) trap.	Piece	110 MM	1	-
6	PVC-U (BD-Type) concentric reducer.	Piece	1100*50 MM	3	-
7	Pipe clamp for ventilation pipes with rubber lining.	Piece	50 MM	5	-
8	Painted Carbon steel angle.	M (length)	25*25*3 MM	3	-

MIXING VALVLE AND FIXTURE

Item	Description	Unit	Size	Qty.	Remark
1	Vitreous china wash basin with faucet, drain plug with chain, and drain trap.	Piece	-	1	-
2	Toilet flushing system with app. Capacity of 10 lit made from plastic with related float valve, chain, drain pipe and etc.	Piece	-	1	-
3	Chromized valve for installation for toilet with nuts and gaskets.	Piece	-	1	-
3	Chromized valve for installation inside the wash basin with nuts, gaskets and flexible hoses.	Piece	-	1	-
4	Angle stop valve (pisvar type) with related nuts and flexible hose with length of 30 cm for lavatory or sink.	Piece	-	3	-