



- NOTES**
- NO RESPONSIBILITY IS ACCEPTED BY EMPLOYER OR ENGINEER AS TO THE ACCURACY OF THE ABOVE MATERIALS SCHEDULE WHICH IS GIVEN FOR GUIDANCE ONLY. THE CONTRACTOR SHALL PURCHASE HIS OWN MATERIALS SCHEDULE FOR PREPARATION OF ORDERS AND MAKE PROVISION FOR SPARES.
  - 20mm PRESSURIZATION TO BE KEPT CLEAR OF ACTUATOR CONTROL CABINET ON VALVE NO. 4, SO THAT ACCESS TO CABINET IS UNIMPEDED.
  - DIMENSIONS TO BE CHECKED AND VERIFIED PRIOR TO WELDING.
  - BELW GROUND COATING SYSTEM TO EXTEND 300mm ABOVE GROUND LEVEL.
  - DIMENSIONS OF WELD END VALVES INCLUDE END PIP PIECES.
  - ALL MATERIALS TO BE IN ACCORDANCE WITH TECHNICAL SPECIFICATIONS VOL. 2.
  - CONTRACTOR TO PREPARE A DETAILED TIE-IN PROCEDURE AND SUBMIT TO THE ENGINEER FOR APPROVAL 21 DAYS PRIOR TO TIE-IN WORKS. ALL WORKS WITHIN BAKHRABAD GAS FIELDS SITE WILL BE SUBJECT TO HOT WORK PERMITS.
  - DENOTES TIE-IN TO EXISTING PIPING WORK.
  - CONTRACTOR TO DECOMMISSION AND REMOVE EXISTING 60mm BURIED PIPEWORK CENOTED THUS --- INCLUDING BURIED 60mm PIPEWORK AND FITTINGS UP TO THE OLD GLYCOL PLANT SITE.
  - CONTRACTOR TO DECOMMISSION AND REMOVE 2" 50mm PIPELINES AND FITTINGS AND INSTRUMENT LINE BETWEEN OLD GLYCOL PLANT SITE AND PLANT MANIFOLD.
  - LOCATION OF EXISTING 'P' LINES FOR DECOMMISSIONING AND REMOVAL TO BE CONFIRMED ON SITE WITH OPERATION.
  - THE CONTRACTOR IS ADVISED THAT THERE ARE NUMEROUS BURIED PRODUCT AND SERVICE LINES WITHIN THE VICINITY OF THE WORKS AND AS SUCH ALL TRENCHING SHALL BE BY MANUAL MEANS.

1	LINER PIPE - 762mm OD, API 5L X 52 17.5mm WT	M	60
2	11 BELOW GROUND COATED	M	80
3	111 ABOVE GROUND COATED	M	80
4	LINER PIPE - 480mm OD, API 5L X 52 16.5mm WT	M	35
5	11 BELOW GROUND COATED	M	35
6	111 ABOVE GROUND COATED	M	35
7	LINER PIPE - API 5L X 52	M	4
8	11 219.1mm OD x 12.7mm WT	M	1
9	111 114.3mm OD x 6.35mm WT	M	1
10	111 60mm OD x 3.95mm WT	M	15
11	111 25mm OD x 1.9mm WT	M	18
12	INDUCTION BEND 80 MAGNUM 30WAPI SL x 32 x 762mm OD x 17.5mm WT	EA	2
13	BALL VALVE CLASS 600	EA	1
14	11 762mm CLASS 600 W/M ENDS, C/W LINE BREAK AND LOCAL COILING ACTUATOR	EA	2
15	11 762mm CLASS 600 W/F ENDS, GEAR OPERATED	EA	2
16	11 762mm CLASS 600 W/M ENDS, GEAR OPERATED	EA	1
17	11 219.1mm CLASS 600 W/F ENDS, GEAR OP.	EA	1
18	11 148.3mm CLASS 600 W/F ENDS, GEAR OP.	EA	1
19	11 114.3mm CLASS 600 P/F ENDS, LEVER OP.	EA	2
20	11 60.3mm CLASS 600 P/F ENDS, LEVER OP.	EA	8
21	11 25mm CLASS 600 SCREENED P/F ENDS, LEVER OP.	EA	9
22	SCHWEPER RECEIVER - 762mm CLASS 600	EA	1
23	ISOLATED JOINT - 762mm CLASS 600	EA	1
24	TEE EQUAL	EA	1
25	11 762mm x 762mm x 762mm 19.05mm M.T. FITTED WITH PIG GUIDE BUSH	EA	1
26	11 762mm x 762mm x 762mm 19.05mm M.T.	EA	1
27	TEE REDUCING	EA	2
28	11 762mm x 762mm x 610mm 19.05mm M.T.	EA	1
29	11 762mm x 762mm x 508mm 19.05mm M.T.	EA	1
30	11 114.3mm x 80mm x 80mm SCH 80	EA	2
31	11 25mm x 25mm x 25mm SCH 80	EA	1
32	ELBOW 90°	EA	1
33	11 762mm 19.05mm M.T. L.R.	EA	4
34	11 480mm 19.05mm M.T. L.R.	EA	1
35	11 114.3mm SCH 80 L.R.	EA	3
36	11 25mm SCH 80 L.R.	EA	1
37	WELD SET	EA	1
38	11 762mm RUN 219mm OULET, SCH 80	EA	1
39	11 762mm RUN 148.3mm OULET, SCH 80	EA	1
40	11 114.3mm RUN 80mm OULET, SCH 80	EA	1
41	11 25mm RUN 25mm OULET, SCH 80	EA	1
42	PIG SIGNAL - CLASS 600	EA	1
43	80 DIRECTIONAL TRIGGER, C/W ISOLATING VALVE, FLANG AND WELDED BUSH	EA	1
44	FLANGE WELD, CLASS 600	EA	1
45	11 762mm F 52	EA	1
46	11 610mm F 52	EA	1
47	11 514.3mm F 510	EA	1
48	11 40.3mm F 810	EA	1
49	FLANGE BLIND RP CLASS 600 F 52	EA	1
50	11 762mm DRILLED 25mm HPT F 52	EA	1
51	11 762mm F 52	EA	1
52	11 514.3mm F 510	EA	1
53	11 40.3mm F 810	EA	2
54	SORBETS OPTICAL MARKING WITH CENTERING MARK	EA	1
55	CLAS 600	EA	3
56	11 762 mm	EA	1
57	11 610 mm	EA	1
58	11 514.3 mm	EA	1
59	11 40.3 mm	EA	1
60	11 148.3 mm	EA	1
61	11 114.3 mm	EA	1
62	11 25 mm	EA	1
63	11 114.3 mm	EA	1
64	11 114.3 mm	EA	1
65	11 114.3 mm	EA	1
66	11 114.3 mm	EA	1
67	11 114.3 mm	EA	1
68	11 114.3 mm	EA	1
69	11 114.3 mm	EA	1
70	11 114.3 mm	EA	1
71	11 114.3 mm	EA	1

A1	Rev	Issue	By	Date	Rev	Amendments	By	Chkd	App'd	Date	Drawing No	Reference Drawings
	B	FOR BID	M.K.T	MAR 93								
	A	FOR APPROVAL	M.K.T	FEB 93								

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 Approved: [Signature]  
 Date: 29/05/93

**ASHUGANJ-BAKHRABAD PIPELINE PROJECT**  
**BOGMC (PETROBANGLA), PETROCENTRE**  
**3 KAWRAN BAZAR C/A, DHAKA**

**762mm PIG RECEIVER**  
**PIPING DETAILS**

Drg. No. 1866/3/2