



भारतीय ताराभौतिकी संस्थान
INDIAN INSTITUTE OF ASTROPHYSICS
कोरमंगला / KORAMANGALA
बेंगलूर / BANGALORE - 560 034.

No.PUR/IMP/AK/UVIT/IIA/MGKML/16/07.08

September 13 , 2007

Deadline extended to 27th September 2007, 15.30 hours.

Dear Sirs,

The Director, Indian Institute of Astrophysics, Bangalore invites Sealed Tenders for the "Import of Sealed Wire Harness feed-throughs and Potcon Bulkhead connector set etc.,as per our technical specifications " detailed in the Tender Form hereto annexed. The Technical specifications and terms and conditions are also may be noted and if you are in a position to quote for the supply in accordance with the requirement, please submit your offer (**both technical and commercial bids**) in the attached Tender Form . The Tender documents are available on IIA website www.iiap.res.in/tenders.htm

The Tender bids should be in foreign currency only. Your completed Tender bids (both Technical and commercial) must reach this office in sealed envelope separately duly superscribed with the name of the supply , on or before **15.30 Hrs. latest by 27.9.07.** The sealed covers should be sent to the following address. **The Director, Indian Institute of Astrophysics, II nd Block, Koramangala, Bangalore-34.** The commercial Bids will be opened only after finalization of Technical bids.

Thanking you,

Yours faithfully,

Encl: as above.

(AJ Raghupathy)
Admn. Officer
For Director



PUBLIC TENDER DOCUMENT NO: PUR/IMP/AK/UVIT/IIA/MGKML/16
DT: .2007

TENDER FORM

FROM:

TO

THE DIRECTOR,
Indian Institute of Astrophysics.,
Bangalore-560 034.

Sir,

I/We hereby offer to supply the Items/Equipment indicated below at the price hereunder quoted and agree to hold this office open till _____. I/We shall be bound to supply the Items/Equipment hereby offered upon the issue of the Purchase Order communicating to the acceptance thereof on or before the expiry of the last mentioned date. You are at liberty to accept any one or more of the items of such Items/Equipment. I/We notwithstanding that the offer in this tender has not been accepted in whole, shall be bound to supply such items and such portion or portions of one or more of the items as may be specified in the said Purchase Order communicating the acceptance.

Sl.No. Period	Description of the item(s)	Quantity	Unit	Rate	Dely.
1.	Sealed wire Harness feed-through	79-pin #22A WG		2Nos	
2.	-do-	55-pin #22 AWG		5Nos	
3.	-do-	37-pin #22 AWG		1No.	
4.	-do-	22-pin #22AWG		1No	
5.	PotCon Bulkhead Connector set	37-Pin #22AWG		1No.	
6.	-do-	22-Pin #22AWG		1No	
7.	-do-	55-pin #22AWG		5Nos	
8.	-do-	79-Pin #22AWG		2Nos	
9.	Vacuum compatible, 4Nos of MIL-C24308 sub D miniature 25-pin connectors, both side plug Type (A-side plug, V-side plug), all mounted on one 100 CF Flange			1No	

(Tender bids should be in Foreign currency only , both Technical and Commercial Bids should be submitted separately)



Place at which the Delivery is required : Indian Institute of Astrophysics
Bangalore-560034

Date by which the supplies are required : 4 weeks from the date of order

2. I/We have understood the items of the tender annexed to the invitation to the Tender and have thoroughly examined the specifications/drawing and /or pattern quoted or referred to herein and/are fully aware of the nature of the items/Equipment required and my/our offer is to supply the items/Equipment strictly in accordance with the requirements subject to the terms and conditions contained in the Purchase order communicating the acceptance of this tender.

Date:

Signature and Seal of Supplier

TECHNICAL SPECIFICATIONS

Items to be Supplied for Electrical Feedthroughs to Vacuum Chamber at MKGM Lab, Hosakote

Category A: Five types of Sealed Wire Harness Feedthroughs

Category B: Four types of PotCon Bulkhead Connector Set

Category C: One type of Conflat Flange with four D-type connectors (25-pin)

The Details of the above are mentioned below:

(A) Sealed Wire Harness Feed Through

Specifications:

Item

1. a) 79 Nos. of #22 AWG Teflon insulated (custom wiring, details attached) wires in vacuum face-seal housing. 2 Nos.
2. a) 55 Nos. of #22 AWG Teflon insulated (custom wiring, details attached) wires in vacuum face-seal housing. 3 Nos.
b) 55 Nos. of #22 AWG Teflon insulated wires single silver plated multi-strand copper wires in vacuum face-seal housing. 2 Nos.
3. a) 37 Nos. of #22 AWG Teflon insulated wires single silver plated multi-strand copper wires in vacuum face-seal housing. 1 No.
4. a) 22 Nos. of #22 AWG Teflon insulated wires silver plated multi-strand copper wires in vacuum face-seal housing. 1 No.

General Specifications:

- | | |
|--|--|
| a) Insulation | : Teflon |
| b) Temperature | : 200°C |
| c) Voltage | : 600V |
| d) Stranding | : 19x |
| e) Shielding | : For item 1 & 2 (details attached) |
| f) Applicable Standard | : MIL-C-17G (item 1a & 2a)
: MIL-W-22759/9 (item 2b,3a) |
| g) Wire ID | : Single (Only for item 2b,3a)
: Other custom id |
| h) Conductor Material | : Copper |
| i) Plating | : Silver |
| j) Wires to be identified with a No. Tag | |
| k) Measure of Lead Lengths, | |
| Atmosphere Side | : 2.2 meters |
| Vacuum Side | : 1.0 meter |

Housing Specifications:

Style	: Vacuum Face Seal
Material	: Stainless Steel Vacuum Compatible
Vacuum Limit	: Helium Leak < 5 x 10 ⁻⁸ cc/sec
	: Vacuum levels to 1x 10 ⁻⁸ mm Hg
Temperature Range	: -40°F to +250°F

Note: See Appendix A for wiring details

(B) PotCon Connector Set

Specifications:

Item

- 1) 1 ¼" -18 PBTR PotCon, with 55 # 22 AWG contacts, mating connectors w/ strain relief included. (SET 24058, including unassembled mating connectors) **5 Nos.**
- 2) 1 ¾" -18 PBTR PotCon, with 79 # 22 AWG contacts, mating connectors w/ strain relief included. (SET 29145, including unassembled mating connectors) **2 Nos.**
- 3) 1 ¼" -18 PBTR PotCon, with 37 # 22 AWG contacts, mating connectors w/ strain relief included. (SET 29028, including unassembled mating connectors) **1 No.**
- 4) 1" -20 PBTR PotCon, with 22 # 22 AWG contacts, mating connectors w/ strain relief included. (SET 29365, including unassembled mating connectors) **1 No.**

Housing Specifications:

Style	: Vacuum Face Seal
Material	: Stainless Steel Vacuum Compatible
Vacuum Limit	: Helium Leak < 5 x 10 ⁻⁸ cc/sec
	: Vacuum levels to 1x 10 ⁻⁸ mm Hg
Temperature Range	: -40°F to +250°F
Pins and Sockets:	: # 22 AWG Gold on Copper, wires may : be crimped.
Epoxy Sealant	: Low Outgassing Material
O Ring	: Nitrile Rubber
MIL-C-38999 series I, Miniature Circular, Scoop Proof, Bayonet Coupling	

(C) Custom Conflat Flange

Specifications:

Item

- 1) One 100 Conflat (CF) Flange with (4) 25-pin Sub-D connectors (MIL-C-24308), both side (A-side, V-side) Plug Type.
100 CF (O.D. -> 150 mm, P.C.D-> 130.3 mm) **1 No.**

Housing Specifications:

Style	: Vacuum Face Seal
Material	: Stainless Steel Vacuum Compatible

Vacuum Limit : Helium Leak < 5 x 10⁻⁸ cc/sec
: Vacuum levels to 1x 10⁻⁸ mm Hg
Temperature Range : -40°F to +250°F
Pins and Sockets: : # 22 AWG Gold on Copper
Epoxy Sealant : Low Outgassing Material

Appendix A Wiring Details of Sealed Wire Harness Feed-throughs

Item 1a

Pin Description of 79-pin (2 Nos only) Sealed feedthru assembly

SL NO.	Functional Description	Wire	Gauge	Remarks
01	Cable Shield	EMI Braid		
02	Star250 Reset Bias	TPS-1a	24	
03	Video+	Coaxial	24	
04	Spare with 23	TPS-2a	24	
05	Spare with 24	TPS-3a	24	
06	LVDS 19+	TPS-4a	24	77 Ω
07	LVDS 17+	TPS-5a	24	77 Ω
08	LVDS 15+	TPS-6a	24	77 Ω
09	LVDS 13+	TPS-7a	24	77 Ω
10	LVDS 11+	TPS-8a	24	77 Ω
11	Shield for (12 31), (13 32), (14 33), (15 34), (16 35)			
12	LVDS 9+	TPS-9a	24	77 Ω
13	LVDS 7+	TPS-10a	24	77 Ω
14	LVDS 5+	TPS-11a	24	77 Ω
15	LVDS 3+	TPS-12a	24	77 Ω
16	LVDS 1+	TPS-13a	24	77 Ω
17	Spare with 36	TPS-14a	24	
18	CPU SEL	TPS-15a	24	
19	Thermistor CPU+	TPS-16a	24	
20	Cable Shield	EMI Braid		
21	Reset Bias Return	TPS-1b	24	
22	Video+ shield (3)			
23	Spare with 4	TPS-2b	24	
24	Spare with 5	TPS-3b	24	
25	LVDS 19-	TPS-4b	24	77 Ω
26	LVDS 17-	TPS-5b	24	77 Ω
27	LVDS 15-	TPS-6b	24	77 Ω
28	LVDS 13-	TPS-7b	24	77 Ω
29	LVDS 11-	TPS-8b	24	77 Ω
30	Shield for (6 25), (7 26), (8 27), (9 28), (10 29)			
31	LVDS 9-	TPS-9b	24	77 Ω
32	LVDS 7-	TPS-10b	24	77 Ω
33	LVDS 5-	TPS-11b	24	77 Ω
34	LVDS 3-	TPS-12b	24	77 Ω
35	LVDS 1-	TPS-13b	24	77 Ω
36	Spare with 17	TPS-14b	24	
37	Return CPU SEL	TPS-15b	24	
38	Thermistor CPU-	TPS-16b	24	
39	+12V	Single	24	
40	Shield for (2 21)			
41	Video-	Coaxial		
42	Shield for (4 23)			
43	Shield for (5 24)			

44	LVDS 20+	TPS-17a	24	77 Ω
45	LVDS 18+	TPS-18a	24	77 Ω
46	LVDS 16+	TPS-19a	24	77 Ω
47	LVDS 14+	TPS-20a	24	77 Ω
48	LVDS 12+	TPS-21a	24	77 Ω
49	Shield for (50 69), (51 70), (52 71), (53 72), (54 73)			
50	LVDS 10+	TPS-22a	24	77 Ω
51	LVDS 8+	TPS-23a	24	77 Ω
52	LVDS 6+	TPS-24a	24	77 Ω
53	LVDS 4+	TPS-25a	24	77 Ω
54	LVDS 2+	TPS-26a	24	77 Ω
55	Shield for (17 36)			
56	Shield for (18 37), (19 38), (57 76)			
57	Thermistor Star250+	TPS-27a	24	
58	-12V	Single	24	
59	Guard	NC		
60	Video- Shield (41)			
61	Guard	NC		
62	Guard	NC		
63	LVDS 20-	TPS-17b	24	77 Ω
64	LVDS 18-	TPS-18b	24	77 Ω
65	LVDS 16-	TPS-19b	24	77 Ω
66	LVDS 14-	TPS-20b	24	77 Ω
67	LVDS 12-	TPS-21b	24	77 Ω
68	Shield for (44 63), (45 64), (46 65), (47 66), (48 67)			
69	LVDS 10-	TPS-22b	24	77 Ω
70	LVDS 8-	TPS-23b	24	77 Ω
71	LVDS 6-	TPS-24b	24	77 Ω
72	LVDS 4-	TPS-25b	24	77 Ω
73	LVDS 2-	TPS-26b	24	77 Ω
74	Guard			
75	Guard			
76	Thermistor Star250-	TPS-27b	24	
77	Return +/-12V	Single	24	
78	Shield (39 58 77)	Braid		
79	NC	NC		

Total wires used in this 79-pin assembly (2 Nos) for item no.1 are:

Coaxial Cables: 2 Nos. (Belden Make, MIL-C-17G, M17/ 111 RG-303, 50 Ohm)

Single: 3 Nos. (MIL-W-22759/9)

TPS: 27 Nos. (Characteristics Impedance of 77 Ohms should be maintained throughout length, Belden Make, MIL-C-17G QPL Cable, Twinax)

The cable would be enveloped with the Braided Sleeve.

Item 2a

Pin Description of 55-pin (2 Nos only) Sealed feedthru assembly

SL NO.	Functional Description	Wire	Gauge	Remarks
01	Cable Shield	EMI Braid		
02	+30V	Single	24	
03	Guard			
04	+15V	Single	24	
05	Spare with 22	TPS-1a		
06	Guard	NC		
07	Shutdown+	TPS-2a	24	77 Ω
08	Cathode Switch+	TPS-3a	24	77 Ω
09	Cathode Contrl+	TPS-4a	24	
10	MCP Contrl+	TPS-5a	24	
11	Anode Contrl+	TPS-6a	24	
12	HVU Thermistor+	TPS-7a	24	
13	MCP Curr+	TPS-8a	24	
14	Cathode Mon+	TPS-9a	24	
15	MCP Mon+	TPS-10a	24	
16	Anode Mon+	TPS-11a	24	
17	Cable Shield	EMI Braid		
18	Spare with 35	TPS-12a	24	
19	Return +30V	Single	24	
20	Guard	NC		
21	-15V	Single	24	
22	Spare with 5	TPS-1b	24	
23	Guard	NC		
24	Shutdown-	TPS-2b	24	77 Ω
25	Cathode Switch-	TPS-3b	24	77 Ω
26	Cathode Contrl-	TPS-4b	24	
27	MCP Contrl-	TPS-5b	24	
28	Anode Contrl-	TPS-6b	24	
29	HVU Thermistor-	TPS-7b	24	
30	MCP Curr-	TPS-8b	24	
31	Cathode Mon-	TPS-9b	24	
32	MCP Mon-	TPS-10b	24	
33	Anode Mon-	TPS-11b	24	
34	Shield for (18 35)			
35	Spare with 18	TPS-12b	24	
36	Shield for (2 19)			
37	Shield for (4 21 38)	Braid		
38	Return +/-15V	Single	24	
39	Shield for (5 22)			
40	Guard		NC	
41	Shield for (7 24)			
42	Shield for (8 25)			
43	Shield for (9 26)			
44	Shield for (10 27)			
45	Shield for (11 28)			
46	Shield for (12 29)			
47	Shield for (13 30)			

48	Shield for (14 31)			
49	Shield for (15 32)			
50	Shield for (16 33)			
51	NC			
52	NC			
53	NC			
54	NC			
55	NC			

Total wires used in this 55-pin (2Nos) assembly for item 2a are:

TPS: 12 Nos. (Characteristics Impedance of 77 Ohms should be maintained throughout length, Belden Make, MIL-C-17G QPL Cable, Twinax)

Single: 5 Nos. (MIL-W-22759/9)

The cable would be enveloped with the Braided Sleeve.

Item 2a

Pin Description of 55-pin (1 No only) Sealed feedthru assembly

SL NO.	Functional Description	Wire	Gauge	Remarks
01	Spare	SS	24	
02	Spare	SS	24	
03	Spare	SS	24	
04	Spare	SS	24	
05	Spare	SS	24	
06	Spare	Single	24	
07	Spare	Single	24	
08	NC			
09	Spare	TPS-1a	24	
10	Spare	TPS-1b	24	
11	Spare	SS	24	
12	Spare	SS	24	
13	Spare	SS	24	
14	Spare	SS	24	
15	NC			
16	NC			
17	NC			
18	Spare	SS	24	
19	Spare	SS	24	
20	Spare	SS	24	
21	Spare	SS	24	
22	Spare	SS	24	
23	Spare	Single	24	
24	Spare	Single	24	
25	NC			
26	Spare	TPS-1a	24	
27	Spare	TPS-1b	24	
28	Spare	SS	24	
29	Spare	SS	24	
30	Spare	SS	24	
31	Spare	SS	24	
32	NC			
33	NC			
34	NC			
35	Spare	SS	24	
36	Spare	SS	24	

37	Spare	SS	24	
38	Spare	SS	24	
39	Spare	SS	24	
40	Spare	Single	24	
41	Spare	Single	24	
42	NC			
43	Spare	TPS-1a	24	
44	Spare	TPS-1b	24	
45	Spare	SS	24	
46	Spare	SS	24	
47	Spare	SS	24	
48	Spare	SS	24	
49	NC			
50	NC			
51	NC			
52	NC			
53	NC			
54	NC			
55	NC			

Total wires used in this 55-pin (1 No) assembly for item 2a are:

SS: 27 Nos. (MIL-W-16878/4)

TPS: 3 Nos. (MIL-W-16878/4)

Single: 6 Nos. (MIL-W-22759/9)

Item 2b

Pin Description of 55-pin (2 No only) Sealed feedthru assembly

SL NO.	Functional Description	Wire	Gauge	Remarks
01	Spare	Single	24	
02	Spare	Single	24	
03	Spare	Single	24	
04	Spare	Single	24	
05	Spare	Single	24	
06	Spare	Single	24	
07	Spare	Single	24	
08	Spare	Single	24	
09	Spare	Single	24	
10	Spare	Single	24	
11	Spare	Single	24	
12	Spare	Single	24	
13	Spare	Single	24	
14	Spare	Single	24	
15	Spare	Single	24	
16	Spare	Single	24	
17	Spare	Single	24	
18	Spare	Single	24	
19	Spare	Single	24	
20	Spare	Single	24	
21	Spare	Single	24	
22	Spare	Single	24	
23	Spare	Single	24	
24	Spare	Single	24	
25	Spare	Single	24	
26	Spare	Single	24	
27	Spare	Single	24	
28	Spare	Single	24	
29	Spare	Single	24	
30	Spare	Single	24	
31	Spare	Single	24	

32	Spare	Single	24	
33	Spare	Single	24	
34	Spare	Single	24	
35	Spare	Single	24	
36	Spare	Single	24	
37	Spare	Single	24	
38	Spare	Single	24	
39	Spare	Single	24	
40	Spare	Single	24	
41	Spare	Single	24	
42	Spare	Single	24	
43	Spare	Single	24	
44	Spare	Single	24	
45	Spare	Single	24	
46	Spare	Single	24	
47	Spare	Single	24	
48	Spare	Single	24	
49	Spare	Single	24	
50	Spare	Single	24	
51	NC			
52	NC			
53	NC			
54	NC			
55	NC			

Item 3a
Pin Description of 37-pin (1 No only) Sealed feedthru assembly

SL NO.	Functional Description	Wire	Gauge	Remarks
01	Spare	Single	24	
02	Spare	Single	24	
03	Spare	Single	24	
04	Spare	Single	24	
05	Spare	Single	24	
06	Spare	Single	24	
07	Spare	Single	24	
08	Spare	Single	24	
09	Spare	Single	24	
10	Spare	Single	24	
11	Spare	Single	24	
12	Spare	Single	24	
13	Spare	Single	24	
14	Spare	Single	24	
15	Spare	Single	24	
16	Spare	Single	24	
17	Spare	Single	24	
18	Spare	Single	24	
19	Spare	Single	24	
20	Spare	Single	24	
21	Spare	Single	24	
22	Spare	Single	24	
23	Spare	Single	24	
24	Spare	Single	24	
25	Spare	Single	24	
26	Spare	Single	24	
27	Spare	Single	24	

28	Spare	Single	24	
29	Spare	Single	24	
30	Spare	Single	24	
31	Spare	Single	24	
32	Spare	Single	24	
33	Spare	Single	24	
34	Spare	Single	24	
35	Spare	Single	24	
36	Spare	Single	24	
37	Spare	Single	24	

Item 4a

Pin Description of 22-pin (1 No only) Sealed feedthru assembly

SL NO.	Functional Description	Wire	Gauge	Remarks
01	Spare	SS	24	
02	Spare	SS	24	
03	Spare	SS	24	
04	Spare	SS	24	
05	Spare	SS	24	
06	Spare	Single	24	
07	Spare	Single	24	
08	NC			
09	Spare	TPS-1a	24	
10	Spare	TPS-1b	24	
11	Spare	SS	24	
12	Spare	SS	24	
13	Spare	SS	24	
14	Spare	SS	24	
15	NC			
16	Spare	Single	24	
17	Spare	Single	24	
18	Spare	Single	24	
19	Spare	Single	24	
20	Spare	Single	24	
21	Spare	Single	24	
22	Spare	Single	24	

Total wires used in this 55-pin (1 No) assembly for item 2a are:

SS: 9 Nos. (MIL-W-16878/4)

TPS: 1 Nos. (MIL-W-16878/4)

Single: 9 Nos. (MIL-W-22759/9)



Annexure - I

INSTRUCTIONS TO SUPPLIERS

1. Tenders (both Technical and commercial bits) should be sent in sealed and superscribed envelopes with mention of Tender No. date and date of opening. Only one Tender should be sent in each envelope.
2. Late and Delayed Tender will not considered at all.
3. Duties, Taxes where legally leviable and intended to be claimed should be distinctly shown separately in the Tender.
4. a) Your quotation should be valid for 90-120 days from the date. of opening of Tender
b) Prices are required to be quoted accordingly to the units indicated in the annexed tender form. When quotations are given in terms of units other than those specified in the tender form, relationship between the two sets of units must be furnished.
5. Preference will be given to those tenders offering supplies on the basis of delivery at Site.
6. a) All available Technical Literature(s), Catalogue(s) and other data in support of the specifications and details of the item(s) should be furnished along with the offer.
c) Approximate net and gross weight of the items offered shall be indicated in your offer. If dimensional details are available the same should indicated in your offer.

d) **SPECIFICATIONS:**

Items/Equipment offered should strictly conform to our specifications. Deviation, if any should be clearly indicated by the Supplier in their quotation. The Supplier should also indicate the Make/type No. of the items offered and provide catalogue(s), Technical literature(s) and sample(s), wherever necessary along with the quotations. Test certificates wherever necessary should be forwarded along with the supplies. Whenever options are called for in our specifications, the Supplier should address all such options. Wherever specifically mentioned by us the Supplier could suggest changes to specifications with appropriate response for the same.

7. Corrections, if any, must be attested. All amounts shall be indicated both in words as well as in figures. Where there is difference between amounts quoted in words and figures, amount quoted in words shall prevail.
8. The Supplier should supply along with the tender, the Banking information for payment or any other purpose
9. A complete set of instruction and operation manual should be supplied at the time of Installation.
- 10 Final performance should be guaranteed at the site.



11. Incomplete Technical Bids are liable for rejection. Commercial Bids will be considered only for the successful Technical Bidders.



TERMS AND CONDITIONS OF CONTRACT

1. DEFINITIONS:

- a). The terms 'Purchaser' shall mean the Director, Indian Institute of Astrophysics, Bangalore-560 034.
- b). The term 'Supplier' shall mean, the person, firm or company with whom or with which the order for the supply of Items/Equipment is placed.
- c). The terms 'Purchase Order' shall mean the communication signed on behalf of the Purchaser by an officer duly authorized intimating the acceptance on behalf the Purchaser on the terms and conditions mentioned or referred to in the said communications accepting the tender or offer of the supplier for supply of Items/Equipment.

2. PRICES:

The price may please be indicated on unit basis only.

Duty Exemption:

Please note that we may issue "Customs duty Exemption Certificate", if acceptable under the Govt. of India notification No. 51/96 valid till 2011.

3. GUARANTEE AND REPLACEMENT:

- a) The Supplier shall guarantee that the Items/Equipment supplied shall comply fully with the specifications laid down, for material workmanship and performance. The Guarantee should be for a period of one year minimum from the date of supply.

4. PACKING, FORWARDING AND INSURANCE:

The Contractor will be held responsible for the stores being sufficiently and properly packed for transport by sea or air, to withstand transit hazards and ensure safe arrival at the destination. The packing and marking of packing shall be done by and at the expenses of the contractor. The Purchaser will not pay separately for transit insurance, all risks in transit being exclusively of the Supplier and the purchaser shall pay only for such Items/Equipment as are actually received in good condition, in accordance with contract.



5. TEST CERTIFICATE:

Wherever required Test Certificate should be sent along with the relevant dispatch Documents

6. ACCEPTANCE OF ITEMS/EQUIPMENT:

a) The Items/Equipment shall be tendered by the Supplier for inspection at such places as may be specified by the purchaser at the Suppliers own risk, expenses and cost.

b.) It is expressly agreed that the acceptance of Items/Equipment, for is subject to final approval by the Purchaser, whose decision shall be final.

7. DELIVERY PERIOD:

Delivery is the essence of the contract . The supplier should adhered to delivery Schedule as indicated in the Purchase order.

8. EXTENTION OF DELIVERY TIME:

As soon as it is apparent that Supplier dates cannot be adhered to, an application shall be sent by the Supplier to the Purchaser. If failure, on the part of the Supplier to deliver the Items/Equipment in proper time shall have arisen from any cause which the Purchaser may admit as reasonable ground for an extension of the time (and his decision shall be final he may allow such additional time as he considers it to be justified by the circumstances of the case) . In case of Letter of Credit the banking charges for the LOC amendment will be on suppliers account.

9. PAYMENT:

Preference will be given to the supplier whose payment terms is on Site Draft.

10 SECURITY FOR PAYMENT:

Successful Supplier will have to furnish in the form of a Bank Guarantee or any other form as called for by the Purchaser towards any payments before supply of Items/Equipment. In case of payment through Letter of Credit the banking charges out side India will be on suppliers account.

