

**PREJHA Foundation Reference:  
1085-PREJHA02/18/25**

# **REQUEST FOR QUOTATION**

FOR

**SUPPLY OF MEP Training Materials**

**Dated: 07<sup>th</sup> Feb 2018**

**PanIIT Alumni Reach For Jharkhand Foundation**

**A Non-profit Special Purpose Joint Enterprise between agencies of Department of Welfare,  
Government of Jharkhand and  
PanIIT Alumni Reach For India Foundation,  
Kalyan Complex, Balihar Road, Morabadi,  
Ranchi - 834008, Jharkhand**

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## **DISCLAIMER**

The information contained in this Request for Quotation ("RFQ") or subsequently provided to Bidder(s), whether verbally or in documentary or any other form by or on behalf of PanIIT Alumni Reach For Jharkhand Foundation (hereinafter "PREJHA") is provided to interested parties on the terms and conditions set out in this RFQ and such other terms and conditions subject to which such information is provided.

This RFQ is not an agreement and is neither an offer nor an invitation by PREJHA to interested parties who submit their quote (henceforth "Bidders") in response to this RFQ. The purpose of this RFQ is to provide Bidders with information that may be useful to them in preparing and submitting their proposals ("Proposal") for selection as supply agency with PREJHA Foundation as per notified norms.

PREJHA Foundation makes no representation or warranty and shall have no liability to any person or Bidder under any law, statute, rules or regulations or tort, principles of restitution or unjust enrichment or otherwise for any loss, damages, cost or expense which may arise from or be incurred or suffered on account of anything contained in this RFQ or otherwise, including the accuracy, adequacy, correctness, completeness or reliability of the RFQ and any assessment, assumption, statement or information contained herein or deemed to form part of this RFQ or arising in any way from this process.

A Bidder must warrant that all the information provided by it to PREJHA Foundation at the time of application & subsequently, is true to the best of its knowledge and belief, and specially warrants that it has duly complied with the provisions of laws applicable to it. Bidder indemnifies PREJHA Foundation from any liabilities arising out of error or default or negligence or contravention in regard to any of the applicable laws, including, but not limited to, submission of statutory forms & other such documents.

The issue of this RFQ does not imply that PREJHA Foundation is bound to select any Bidder(s) or select any Bidder(s) for any project. PREJHA Foundation may accept or reject any proposal in its discretion and may ask for any additional information or vary its requirements, add to or amend the terms, procedure and protocol set out in RFQ for bona fide reasons, which will be notified to all the Bidders invited to tender. Further PREJHA Foundation hereby reserves its right to annul the process at any time prior to issuance of Purchase Order without incurring any liability towards the Tenderers.

The Bidder shall bear all costs associated with or relating to the preparation and submission of its Proposal including but not limited to preparation, copying, postage, delivery fees, expenses associated with any demonstrations or presentations which may be required by PREJHA Foundation or any other costs incurred regarding or relating to its Bid. All such costs and expenses will remain with the Bidder and PREJHA Foundation shall not be liable in any manner for the same or for any other costs or expenses incurred by a Bidder in preparation or submission of the Bid, regardless of the conduct or outcome of this RFQ and related processes.

## **SECTION 1: LETTER OF INVITATION**

PanIIT Alumni Reach for Jharkhand (PREJHA) Foundation invites proposals from reputed bidders for supply of MEP Training Materials for PREJHA Foundation's Gurukuls & Kaushal College in Jharkhand.

A bidder will be selected based on Lowest Cost Method (L1 basis) from suitable agencies qualifying the criteria as per described in this RFQ.

The content of this RFQ enlists the requirements of PREJHA Foundation. It includes the **Bidding Terms & selection** procedure which details out all that may be needed by the potential bidders to understand the financial terms and bidding process and explains the contractual terms that PREJHA Foundation wishes to specify at this stage.

The RFQ includes the following sections:

**Section 1 - Letter of Invitation**

**Section 2 - Instructions to Bidders (including pre-qualification criteria)**

**Section 3 - Standard Forms**

The information may be submitted online only at the following website.

<https://eprocurement.mjunction.in/EPKV2Web/org/PREJHA/home.action>

Yours faithfully,

Authorized signatory

**PanIIT Alumni Reach For Jharkhand Foundation,  
Kalyan Complex, Balihar Road, Morabadi,  
Ranchi - 834008, Jharkhand**

## **PREFACE**

### **About PREJHA Foundation**

Agencies of Department of Welfare, Government of Jharkhand and PanIIT Alumni Reach for India Foundation have partnered to form PanIIT Alumni Reach for Jharkhand (PREJHA) Foundation, a not-for-profit joint enterprise to implement and scale sustainable welfare initiatives. The initiative will replicate the PanIIT Skill Gurukul model of learning for skill development across all the districts of Jharkhand state and thus provide a network of ITI and sub-ITI institutions accessible to school dropouts, underprivileged and those who are from the lower strata of socio-economic background.

PREJHA Foundation sets up Rural Skill Gurukuls and Kaushal colleges to impart vocational Education to deserving candidates.

### **Purpose of RFQ**

The objective of this assignment is to procure MEP Training Materials required for PREJHA Foundation's Gurukuls & Kaushal Colleges. The supplying agency should adopt a process that is not only transparent, competitive but should also be quick and timely.

## **Section 2: Instructions to Bidders**

The evaluation criteria for the bidders is based on Lowest Cost Method (L1 basis) price bid subject to the bidders submitting and satisfying the basic qualification mentioned. **Each Bidder must submit a single proposal only.**

PREJHA foundation shall endeavor to adhere to the following schedule but reserves the right to alter the same:

**Time schedule of Tender:**

Sl.No.	Particulars	Date
1.	Tender e-Publication date	08.02.2018
2.	Start date for seeking Clarification	08.02.2018
3.	Last date for seeking clarification on line from service provider (mjunction Services Limited)	15.02.2018
4.	Bid submission start date (only on-line bid accepted)	08.02.2017
5.	Bid submission end date	21.02.2018 (06:00PM)
6.	Schedule date for Technical bid opening	21.02.2018
7	Comparative statement preparation by the system	21.02.2018

**General terms & Conditions:**

***1. Detailed BOQ***

Sl. No	Item Description	UoM	Estimated Qty
1	MS square rod of length 10mm (in ft)	Ft	100
2	MS square rod of length 12mm (in ft)	Ft	300
3	MS square rod of length 16mm (in ft)	Ft	400
4	MS square rod of length 6mm (in ft)	Ft	10
5	MS square rod of length 8mm (in ft)	Ft	100
6	6A 3 Pin Dual Switch Universal Socket combined	No	32
7	6A 3 Pin Single Switch Universal Socket Combined	No	32
8	10mm Nut	No	1600
9	10mm Washor	No	3200
10	16 mm GI nut	No	600
11	16 mm GI washor	No	1400
12	16 mmx 100mm long bolt	No	440
13	2 Way Switch 6 Amp	No	60
14	20mm Adaptor (PVC)	No	80
15	20mm Brass Brush	No	80
16	20mm Conduits (GI) - in metres	m	80
17	20mm Coupler (GI)	No	80
18	20mm Coupler (PVC)	No	80
19	20mm Flexible Conduit - meters	m	120
20	20mm Flexible Conduit Adaptor	No	80



21	20mm Galvanized Steel flexible gland with lock nut	No	160
22	20mm Junction Box (GI) - 1 way	No	40
23	20mm Junction Box (GI) - 2 way	No	40
24	20mm Junction Box (GI) - 3 way	No	40
25	20mm Junction Box (GI) - 4 way	No	40
26	20mm Junction Box (GI) - angle way	No	40
27	20mm Junction Box (PVC) - 1 way	No	40
28	20mm Junction Box (PVC) - 2 way	No	40
29	20mm Junction Box (PVC) - 3 way	No	40
30	20mm Junction Box (PVC) - 4 way	No	40
31	20mm Junction Box (PVC) - angle way	No	40
32	20mm PVC coated Galvanized Steel flexible conduits - meters	M	40
33	20mm Saddle (GI)	No	80
34	20mm Saddle (PVC)	No	80
35	Back Box (GI) - 132mm x 72mm	No	80
36	Back Box (GI) - 72mm x 72mm	No	80
37	Back Box (PVC) - 132mm x 72mm	No	80
38	Back Box (PVC) - 72mm x 72mm	No	80
39	Bracket Holder Angle type	No	40
40	Bracket Holder Straight type	No	40
41	DB Box - 6 Way	No	24
42	DB Box - 8 Way	No	24
43	Dimmer Switch	No	8
44	DP Changeover Switch 32 Amp Front Handle	No	4
45	Dp Main Switch (Fuse Unit Switch) 32 Amp Front Handle	No	4
46	DP MCB 32 Amp with metal box	No	8
47	DP MCB 32 Amp with PVC box	No	8
48	DP RCCBO Box Encloser - 63 Amp Tripping Current - 30 mA	No	4
49	Energy Meter 250V - 20 Amp	No	4
50	Flexible Wire-Green coil (1.5sq mm)	No	12
51	Flexible Wire-Red coil (1.5sq mm)	No	12
52	Flexible Wire-Yellow coil (1.5sq mm)	No	12
53	GI Back Box 4"/6" For Switch Board	No	5
54	GI Cable Ladder - width 150 mm , 45 degree horizontal elbow	No	20
55	GI Cable Ladder - width 150 mm , 90 degree horizontal elbow	No	20
56	GI Cable Ladder - width 150 mm , horizontal Tee	No	20
57	GI Cable Ladder - width 150 mm , horizontal Tee, Inside Riser	No	20
58	GI Cable Ladder 150mm width & 50 mm height (length 2.5m)	No	20
59	GI Cable ladder joint coupler 30mmX200mm	No	20
60	GI Cable Tray - width 150 mm , 45 degree horizontal elbow	No	20
61	GI Cable Tray - width 150 mm , 90 degree horizontal elbow	No	20
62	GI Cable Tray - width 150 mm , horizontal Tee	No	20
63	GI Cable Tray - width 150 mm , horizontal Tee, Inside Riser	No	20
64	GI Cable tray 150mm width & Height 25mm (length 2.5m)	No	20
65	GI cable tray cover 150mm width & height 25 mm (length 2.5m)	No	20
66	GI Cable tray joint coupler 20mmx200mm	No	20
67	GI Cable Trunking - width 150 mm , 45 degree horizontal elbow	No	20
68	GI Cable Trunking - width 150 mm , 90 degree horizontal elbow	No	20
69	GI Cable Trunking - width 150 mm , horizontal Tee	No	20
70	GI Cable Trunking - width 150 mm , horizontal Tee, Inside Riser	No	20
71	GI Cable Trunking 150mm width & 25mm height (length 2.5m)	No	20

72	GI Cable trunking joint coupler for cable tray	No	20
73	Glue (PVC Conduit Joint) - liters	Lt	10
74	PVC Adaptor for PVC Conduit 20mm dia	No	100
75	PVC Conduit Pipe (10 ft len) 20mm dia	No	80
76	Single Pole MCB 10 Amp	No	60
77	Single Pole MCB 6 Amp	No	60
78	Threaded Rod (dia: 16mm, length: 8 ft)	No	50
79	MS 'C' ERW Pipes with epoxy paint - 100mm dia	M	8
80	MS 'C' ERW Pipes with epoxy paint - 150mm dia	M	25
81	MS 'C' ERW Pipes with epoxy paint - 150mm dia	M	8
82	MS 'C' ERW Pipes with epoxy paint - 25mm dia	M	50
83	MS 'C' ERW Pipes with epoxy paint - 32mm dia	M	12
84	MS 'C' ERW Pipes with epoxy paint - 40mm dia	M	12
85	MS 'C' ERW Pipes with epoxy paint - 50mm dia	M	30
86	MS 'C' ERW Pipes with epoxy paint - 65mm dia	M	8
87	MS 'C' ERW Pipes with epoxy paint - 80mm dia	M	25
88	Anchor fastener	NO	25
89	Brass ball valve - 25mm	NO	14
90	Brass body manual air release valve	NO	7
91	Brass fire brigade connection	NO	1
92	Brush - 2"	NO	12
93	Brush - 4"	NO	12
94	Butterfly valve with supervisor switch	NO	8
95	Cast iron sluice valve - 150mm	NO	1
96	Check valve (NRV) 80NB	NO	8
97	Drain glass valve - 25mm	NO	6
98	Drainage Piping	NO	0
99	Elbow - 150mm	NO	5
100	Elbow - 25mm	NO	5
101	Elbow - 25mm	NO	15
102	Fire hose cabinet	NO	6
103	First Aid hose reel in red colour drum - 35m x 20mm	NO	6
104	Fixed heat detector	NO	3
105	Flexidrop	M	30
106	Foot valve with strainer 100NB - Display	P.KG.	1
107	Full face flanges undrilled (4")	NO	15
108	Gate valve 80NB	P.KG.	15
109	GI clamps	M	60
110	Hold Tight	P.KG.	8
111	Inspector's test drain assembly	NO	8
112	Jute	P.KG.	8
113	MS 'C' ERW Pipes with epoxy paint - 150mm dia	M	5
114	Multicriteria detector	NO	3
115	Neoprene Rubber (1m x 1m)	NO	8
116	Optical smoke detector	NO	3
117	Orifice plate - 100mm dia	NO	1
118	Orifice Plate - 25mm	NO	6
119	Orifice Plate - 50mm	NO	6

120	Orifice Plate - 65mm	NO	12
121	Orifice Plate - 80mm	NO	6
122	Pressure gauge	NO	8
123	Rate of rise heat detector	NO	3
124	Red oxide	litre	12
125	Red paint	litre	12
126	Reducer - 25 x 15	NO	80
127	Reducer - 32 x 15	NO	80
128	Reducer - 40 x 15	NO	80
129	Reducer - 65 x 25	NO	1
130	Reducer - 80 x 65	NO	1
131	Rossette plate	NO	200
132	Rubber reinforced lined canvas fire hose pipe - 63 mm dia	Per Set	1
133	Rubber reinforced lined canvas fire hose pipe - 63 mm dia	Per Set	6
134	S.S. fire hydrant single landing valve - 80mm - 63mm	Per Set	6
135	S.S. fire hydrant double landing valve - 100mm - 63mm	M	1
136	Socket	NO	5
137	Sprinkler Head 15mm - 68o Concealed Pendant	NO	12
138	Sprinkler Head 15mm - 68o Horizontal Sidewall	NO	12
139	Sprinkler Head 15mm - 68o Pendant Type	NO	12
140	Sprinkler Head 15mm - 79o Pendant Type	NO	12
141	Sprinkler Head 15mm - 79o Upright Type	NO	12
142	Teflon tape	NO	100
143	Thinner	litre	8
144	T-joint - 25 x 25	NO	15
145	T-joint Reducer - 150 x 100	NO	8
146	T-joint Reducer - 150 x 80	NO	1
147	T-joint Reducer - 65 x 25	NO	8
148	T-joint Reducer - 80 x 25	NO	8
149	Union - 25mm	NO	8
150	Waterflow switch	No	8
151	Access Doors	No	2
152	Aluminium Tape	No	16
153	Ball Valve 1" (CS/GI/Brass)	No	4
154	Ball Valve 2" (CS/GI/Brass)	No	4
155	Butterfly Valve (brass - 2")	No	4
156	Buttweld Elbow (1") MS/GI	No	4
157	Buttweld Union (1") MS/GI	No	4
158	C Clamp	No	100
159	Canvas Cloth	No	8
160	Check Valve 1" (CS/GI/Brass)	No	4
161	Check Valve 2" (CS/GI/Brass)	No	4
162	Clamp 1.5 inch SS	No	80
163	Clamp 2 inch SS	No	80
164	Copper Elbow (12mm)	No	32
165	Copper Elbow (15mm)	No	32
166	Copper Elbow (22mm)	No	16
167	Copper Nipple (12mm)	No	32
168	Copper Nipple (15mm)	No	32

169	Copper Nipple (22mm)	No	16
170	Copper Pipe (12mm) 20 ft each	No	16
171	Copper Pipe (15mm) 20 ft each	No	16
172	Copper Pipe (22mm) 20 ft each	No	8
173	Copper Reducer (15mm to 12mm)	No	16
174	Copper Reducer (22mm to 12mm)	No	32
175	Copper Reducer (22mm to 15mm)	No	32
176	Copper Socket (12mm)	No	32
177	Copper Socket (15mm)	No	32
178	Copper Socket (22mm)	No	16
179	Copper Tee (12mm)	No	32
180	Copper Tee (15mm)	No	32
181	Copper Tee (22mm)	No	16
182	Copper Union (12mm)	No	32
183	Copper Union (15mm)	No	32
184	Copper Union (22mm)	No	16
185	Double Regulator Valve 2" (CS/GI/Brass)	No	4
186	Emiry Paper (100 pc - 6inch - 400 grit)	No	1
187	End Cap 1"	No	5
188	End Cap 2"	No	5
189	Fasteners (10mm)	No	120
190	Fire Damper	No	2
191	Flexible Duct Connector	No	1
192	Gate Valve 1" (CS/GI/Brass)	No	4
193	Gate Valve 2"(CS/GI/Brass)	No	4
194	GI Cross Tee (1" dia)	No	4
195	GI Cross Tee (1/2" dia)	No	4
196	GI Cross Tee (3/4" dia)	No	4
197	GI equal Tee (1" dia)	No	4
198	GI equal Tee (1/2" dia)	No	4
199	GI equal Tee (3/4" dia)	No	4
200	GI female adaptor 1"	No	4
201	GI female adaptor 1/2"	No	4
202	GI female adaptor 3/4"	No	4
203	GI male adaptor 1"	No	4
204	GI male adaptor 1/2"	No	4
205	GI male adaptor 3/4"	No	4
206	GI Nipple (1")225 mm long	No	8
207	GI Nipple (1.25")225 mm long	No	8
208	GI Nipple (1.5")225 mm long	No	8
209	GI Nipple (1/2")225 mm long	No	8
210	GI Nipple (2")225 mm long	No	8
211	GI Nipple (3/4")225 mm long	No	8
212	GI Pipe (1" dia 10 ft length)	No	8
213	GI Pipe (1.25" dia 10 ft length)	No	4
214	GI Pipe (1.5" dia 10 ft length)	No	2
215	GI Pipe (1/2" dia 10 ft length)	No	8
216	GI Pipe (2" dia 10 ft length)	No	2
217	GI Pipe (3/4" dia 10 ft length)	No	16
218	GI Reducing Elbow (.75to .5)inch	No	4
219	GI Reducing Elbow (1.25to 1)inch	No	4

220	GI Reducing Elbow (1.5to .5)inch	No	4
221	GI Reducing Elbow (1.5to 1)inch	No	4
222	GI Reducing Elbow (1to .5)inch	No	4
223	GI Reducing Elbow (1to .75)inch	No	4
224	GI Reducing Elbow (2to 1)inch	No	4
225	GI Reducing Elbow (3to 2)inch	No	4
226	GI Sheet (set of 24G,22G,20G,18G,16G ) each having dimension 8'x4'	No	16
227	GI Socket (1")	No	8
228	GI Socket (1.25")	No	8
229	GI Socket (1.5")	No	8
230	GI Socket (1/2")	NO	8
231	GI Socket (2")	No	8
232	GI Socket (3/4")	No	8
233	GI Unequal Tee (1" dia)	No	4
234	GI Unequal Tee (1/2" dia)	No	4
235	GI Unequal Tee (3/4" dia)	No	4
236	Glue	No	12
237	Insulation in sq ft	persqft	2800
238	Jubilee Clamp(170-190mm)	No	100
239	M.S. Angles (25x25) – Full Length	No	10
240	M.S. Angles (40x40) – Full Length	No	10
241	MS Coupler 1.5"	No	4
242	MS Coupler 4"	No	4
243	Nut & Washer 8mm	No	300
244	Pipe 3/4" MS (10ft length)	No	32
245	Pipe 4" MS (10ft length)	No	32
246	Reducer (Concentric)(CS/GI/Brass)	No	5
247	Reducer (eccentric)(CS/GI/Brass)	No	5
248	Round Diffusers	No	2
249	Rubber Valve 1" (CS/GI/Brass)	No	4
250	Rubber Valve 2" (CS/GI/Brass)	No	4
251	Sound Liner	No	1
252	Square Diffusers	No	2
253	Steel -(Ms)Channel=6000X100X50MM	No	16
254	Sticker Pin Box	No	8
255	Thread Rod 8mm dia 8 ft length	No	300
256	Threaded Elbow (1")(MS/GI)	No	4
257	Threaded Elbow (1.25")(MS/GI)	No	4
258	Threaded Elbow (1.5")(MS/GI)	No	4
259	Threaded Elbow (1/2") (MS/GI)	No	4
260	Threaded Elbow (2")(MS/GI)	No	4
261	Threaded Elbow (3/4")(MS/GI)	No	4
262	Threaded Union (1")(MS/GI)	No	4
263	Threaded Union (1.25")(MS/GI)	No	4
264	Threaded Union (1.5")(MS/GI)	No	4
265	Threaded Union (1/2")(MS/GI)	No	4
266	Threaded Union (2")(MS/GI)	No	4
267	Threaded Union (3/4")(MS/GI)	No	4
268	Unifix 8mm	No	300
269	Volume control Damper	No	2

270	Wall Grill	No	2
271	Water Proof Foster	No	1
272	Welding Rod -2.5mm dia	No	12
273	Welding Rod -3.2mm dia	No	12
274	Welding Rod -4.0mm dia	No	12
275	Welding Rod -5.0mm dia	No	12
276	Y Strainer 1" (CS/GI/Brass)	No	4
277	Y Strainer 2" (CS/GI/Brass)	No	4
278	90 degree elbow female thread for pex pipe 1/2"*1/2"F	No	5
279	90 degree elbow female thread for pex pipe 3/4"*3/4"F	No	5
280	90 degree elbow for pex pipe 1/2"*1/2"	No	5
281	90 degree elbow for pex pipe 3/4"*3/4"	No	5
282	90 degree elbow male thread for pex pipe 1/2"*1/2"M	No	5
283	90 degree elbow male thread for pex pipe 3/4"*3/4"M	No	5
284	Automatic Air Vent Valve 1/2"(For Pex Pipe)	No	1
285	Ball Valve 1/2" (For Pex Pipe)	No	2
286	Ball valve 3/4" (For Pex Pipe)	No	2
287	Ball Valve With Tail Piece 1/2"(For Pex Pipe)	No	1
288	Blue Clamp for Sheathing (For Pex Pipe)	No	5
289	Blue Sleeve (1") length in mtr	M	20
290	Brazing Rod	No	8
291	Check Valve (Brass) 2 inch	No	2
292	Clamp - 0.75"	No	80
293	Clamp - 1.25"	No	80
294	Clamp - 1.5"	No	80
295	Clamp - 3"	No	80
296	Clamp - 4"	No	80
297	Crimp ring for pex pipe 1/2"	No	25
298	Cutter For Plastic pipe (0-25)	No	2
299	Elbow fitting adaptor Connection 1/2"x 16(For Pex Pipe)	No	5
300	Elbow fitting adaptor Connection 1/2"x 18(For Pex Pipe)	No	5
301	Elbow fitting adaptor Connection 3/4"x 18(For Pex Pipe)	No	5
302	End Cap for pex pipe(1/2")	No	5
303	M-Adaptor -Adaptor connection for pex pipe(1/2"x16)	No	5
304	M-Adaptor -Adaptor connection for pex pipe(1/2"x18)	No	5
305	M-Adaptor -Adaptor connection for pex pipe(3/4"x16)	No	5
306	M-Adaptor -Adaptor connection for pex pipe(3/4"x22)	No	5
307	Male Thread adaptor for pex pipe (1/2"x 16)	No	5
308	Male Thread adaptor for pex pipe (1/2"x 18)	No	5
309	Male Thread adaptor for pex pipe (3/4"x 16)	No	5
310	Male Thread adaptor for pex pipe (3/4"x 18)	No	5
311	Manifold with 4no1/2" outlets & 1 no 3/4" inlet for pex pipe	No	2
312	Manifold with 4no1/2" outlets & 2 no 3/4" inlet for pex pipe	No	2
313	Modular Manifold for pex pipe (DN25 X 16)	No	2
314	Modular Manifold in pair for pex pipe (3/4"x16xDN25)	No	2
315	Modular Manifolds with Stop Valve for pex pipe(3/4"x1/2"/2)	No	1
316	Modular Manifolds with Stop Valve for pex pipe(3/4"x1/2"/3)	No	1
317	Modular Manifolds with Stop Valve for pex pipe(3/4"x1/2"/4)	No	1
318	MS Frame (in Kg)	KG	32
319	Nipple - 1.25"	No	32
320	Nipple -0.5"	No	32

321	Nipple -0.75"	No	32
322	Nipple -1"	No	32
323	Non return Valve (Brass) 2 inch	No	2
324	Pex Pipe (1/2") length in mtr	M	20
325	Pex Pipe (3/4") length in mtr	M	20
326	PEX Pipe Adaptor - 16x1/2"	No	4
327	PEX Pipe Adaptor - 18x1/2"	No	4
328	PEX Pipe Adaptor - 18x3/4"	No	4
329	Plug For Manifold 3/4"(For Pex Pipe)	No	4
330	Puddle Flange - dia 100mm - 500mm length	No	2
331	Puddle Flange - dia 150mm - 500mm length	No	2
332	Puddle Flange - dia 200mm - 500mm length	No	2
333	Puddle Flange - dia 50mm- 500mm length	No	2
334	Puddle Flange - dia 75mm- 500mm length	No	2
335	PVC 45 deg Elbow -3"	No	32
336	PVC 45 deg Elbow -4"	No	32
337	PVC Elbow - 0.75"	No	32
338	PVC Elbow - 1"	No	32
339	PVC Elbow - 4"	No	32
340	PVC Elbow -1.25"	No	32
341	PVC Elbow -1.5"	No	32
342	PVC Elbow- 2"	No	32
343	PVC Elbow -3"	No	32
344	PVC Pipe (20ft long) - 1.25"	No	40
345	PVC Pipe (20ft long) - 2"	No	40
346	PVC Pipe (20ft long) - 4"	No	40
347	PVC Pipe (20ft long) -.75"	No	24
348	PVC Pipe (20ft long) -1"	No	40
349	PVC Pipe (20ft long) -1.5"	No	24
350	PVC Pipe (20ft long) -3"	No	24
351	PVC Reducer (.75 to .5")	No	16
352	PVC Reducer (1" to .75")	No	16
353	PVC Reducer (1.25 to 1")	No	32
354	PVC Reducer (1.5" to 1.25")	No	32
355	PVC Reducer (2" to 1.5")	No	16
356	PVC Reducer (3" to 2")	No	16
357	PVC Reducer (4" to 3")	No	16
358	PVC Socket - 1"	No	32
359	PVC Socket - 1.5"	No	32
360	PVC Socket - 2"	No	32
361	PVC Socket -0.75"	No	32
362	PVC Socket -1.25"	No	32
363	PVC Socket -3"	No	32
364	PVC Socket -4"	No	32
365	PVC Tee - 0.75"	No	32
366	PVC Tee - 1"	No	32
367	PVC Tee - 1.25"	No	32
368	PVC Tee -1.5"	No	16
369	PVC Tee -3"	No	16
370	PVC Tee -4"	No	32
371	PVC U -3"	No	32

372	PVC U -4"	No	32
373	PVC Union - 1"	No	32
374	PVC Union -0.5"	No	24
375	PVC Union-0.75"	No	32
376	Red Clamp for Sheathing (For Pex Pipe)	No	5
377	Red Sleeve (1") length in mtr	M	20
378	Reducing Straight fitting for pex pipe 3/4"*1/2"	No	8
379	Sanitary System Connection for pex pipe FTA (1/2"x16)	No	8
380	Sanitary System Connection for pex pipe FTA (1/2"x18)	No	8
381	Straight fitting for pex pipe 1/2"*1/2"	No	5
382	Straight fitting for pex pipe 3/4"*3/4"	No	5
383	Straight Fitting Male thread 1/2" X 1/2"F (For Pex Pipe)	No	5
384	Straight Fitting Male thread 1/2" X 1/2"M (For Pex Pipe)	No	5
385	Straight Fitting male Thread 1/2" X 3/4"M (For Pex Pipe)	No	10
386	Straight Fitting male Thread 1/2"F X 3/4" (For Pex Pipe)	No	5
387	Straight Fitting male Thread 3/4" X 3/4"F (For Pex Pipe)	No	5
388	Straight Fitting male Thread 3/4" X 3/4"M (For Pex Pipe)	No	5
389	Threading Oil(litre) - in 2ltr can	Lt	16
390	GI Testing Plug - 1/2"	No	10
391	GI Testing Plug - 3/4"	No	10
392	Copper Testing Plug - 1/2"	No	10
393	HDPE Pipe (1" dia 10 ft length)	No	10
394	HDPE Pipe (2" dia 10 ft length)	No	10
395	HDPE Pipe (3" dia 10 ft length)	No	10
396	HDPE Pipe (4" dia 10 ft length)	No	10
397	PPR Pipe (1/2" dia 10 ft length)	No	10
398	PPR Pipe (3/4" dia 10 ft length)	No	10
399	PPR Pipe (1" dia 10 ft length)	No	10
400	PPR Pipe (1.25" dia 10 ft length)	No	10
401	PPR Pipe (1.5" dia 10 ft length)	No	10
402	PPR Pipe (2" dia 10 ft length)	No	10
403	PPR Elbow 90 deg (1/2")	No	10
404	PPR Elbow 90 deg (3/4")	No	10
405	PPR Elbow 90 deg(1")	No	10
406	PPR Elbow 90 deg(1.25")	No	10
407	PPR Elbow 90 deg(1.5")	No	10
408	PPR Elbow90 deg (2")	No	10
409	PPR - T(1/2")	No	10
410	PPR - T(3/4")	No	10
411	PPR - T(1")	No	10
412	PPR - T(1.25")	No	10
413	PPR - T(1.5")	No	10
414	PPR - T(2")	No	10
415	PPR Elbow 45 deg (1/2")	No	10
416	PPR Elbow 45 deg (3/4")	No	10
417	PPR Elbow 45 deg(1")	No	10
418	PPR Elbow 45 deg(1.25")	No	10
419	PPR Elbow 45 deg(1.5")	No	10
420	PPR Elbow 45 deg (2")	No	10



421	PPR - Socket(1/2")	No	10
422	PPR - Socket(3/4")	No	10
423	PPR - Socket(1")	No	10
424	PPR - Socket(1.25")	No	10
425	PPR - Socket(1.5")	No	10
426	PPR - Socket(2")	No	10

## 2. Definitions

- "Buyer" means PREJHA Foundation
- "Bidder" means suppliers or contractors who have participated in tender
- "The Vendor" means the supplier or contractor or service provider to whom the Order is addressed.
- "The Purchase Order" means terms and conditions signed between Buyer and the Vendor governing the subject matter of this Order
- "The Goods / Services" means the goods or services to be supplied under the Order.

## 3. Amendment of RFQ

At any time before the submission of Proposals, PREJHA Foundation may amend the RFQ by issuing an addendum in writing or by standard electronic means. The addendum shall be uploaded on the <https://eprocurement.mjunction.in/EPKV2Web/org/PREJHA/home.action> and will be binding on them. To give Bidders reasonable time in which to take an amendment into account in their Proposals, PREJHA Foundation may, if the amendment is substantial, extend the deadline for the submission of Proposals.

## 4. Bidding

*(to be solely done through portal)*

<https://eprocurement.mjunction.in/EPKV2Web/org/PREJHA/home.action>

- Offer to be submitted only on e-procurement portal. Hard copy of offer is **not required** to be submitted to PREJHA Foundation. Any offer received in Hard copy shall **not be accepted** and will stand disqualified
- Mode of Submission of offer: Being e-tender, offer will be solely submitted online through e-tender portal: <https://eprocurement.mjunction.in/EPKV2Web/org/PREJHA/home.action> through following Application Service Providers (ASPs) appointed by PREJHA:

M/s Mjunction Services Limited, 6thFloor, Tata Centre.43 J N Road,  
Kolkata – 700 071,

**Contact Person: Helpdesk Officer** Sumant Kumar Choudhary  
9163348104, [sumant.choudary@mjunction.in](mailto:sumant.choudary@mjunction.in)

- They may obtain further information regarding this tender from the office of PREJHA, Kalyan Gurukul, Kumarbagh Road, Arsande, Kanke, Ranchi – 834006 from 10:00 hours to 17:00 hours on all working days till the date of bidding is open.

Contact Person: Abhinav Prakash, Project Sevak, PREJHA  
Contact No.: 7041866069  
Email-ID:[abhinav.p@parfi.org](mailto:abhinav.p@parfi.org)

- d) Bidders are expected to adequately apprise themselves regarding the procedure and provisions available on the e-procurement portal **operated/ maintained** by M/S. Mjunction services limited. Buyer shall not be responsible for any issues related to timely or proper uploading/submission of the bid.

### **5. Validity of Proposal**

Bidders' proposals must remain **valid for a period of min** 180 days after the submission of proposal. Should the need arise, PREJHA Foundation may request Bidders to extend the validity period of their proposals. If a bidder is selected as vendor, his proposal will remain same for whole of the delivery schedule.

### **6. Submission of proposal**

The Proposal as well as all related correspondence exchanged by the bidders and PREJHA Foundation, shall be only through the portal of mjunction and electronic means.

The offer shall be submitted as per the instructions of tender document and as detailed in this RFQ. Price shall be furnished in the relevant price schedule only. In case of any clarification, bidder may contact the concerned contact persons at m junction Services or PREJHA as listed above

### **7. Latest updates**

Latest updates on the critical dates, Amendments, Correspondences, Corrigenda, Clarifications, Changes, Errata, Modifications, Revisions, etc. to Tender Specifications will be hosted on PREJHA-mjunction webpage. Bidders to keep themselves updated with all such information. Bidders may please visit <https://eprocurement.mjunction.in/EPKV2Web/org/PREJHA/home.action> for document submission.

### **8. Technical Bid (incl. Pre-Qualification Criteria)**

Sl. No	PQR Condition	Bidder Remarks
1	Authorized dealer of Siemens/Grundfos/Anchor/Panasonic/Polycab/Finolex/Giacomini	

Bidder should submit the prequalification documents (Tech1, Tech2, Tech3 & Fin1) at the portal

### **9. Financial Proposal**

Financial Proposal must be submitted in the format shared in this RFQ. Financial proposal must be shared in the same format as provided else it shall be declared non-responsive.

### **10. Empanelment followed by Letter of Award**

1. The technical bid (incl. pre-qualification criteria) will be verified by PREJHA Foundation. The Procurement System will determine the lowest financial bid including on a possible line-item basis among the technically qualified bidders.
2. PREJHA Foundation shall award the Empanelment Contract possibly with SOR to successful bidders and then issue the Letter of Award (LOA) for the estimated order value along with terms & Conditions governing the Award and notify the same to the bidder through email. The selected bidder shall submit security deposit of 5% of the estimated order value in the form of either a bank guarantee from a scheduled bank or a PDC or a DD drawn on any scheduled bank in favour of "PanIIT Alumni Reach for Jharkhand Foundation" payable at par in Ranchi.
3. The selected bidder is expected to commence the assignment on the date and at the location specified in the LOA/ Contract.
4. If the selected bidder does not sign the Contract within the stipulated period, the LOA may be cancelled, and the next lowest bidder will be considered for award of Contract.
5. If at any stage in the bidding process including after bid opening or Issuance of Purchase orders pertaining to this RFQ, PREJHA believe that the Bidders do not meet the requisite Technical criteria set out in the Bid Document or delivery schedule or that the rate quoted exceeds its own estimates for the supply value, PREJHA reserves the right to cancel the tender or particular line item(s) without incurring any obligation or liability towards the tenderers.
6. PREJHA Foundation reserves the right to issue a part order of any 'line item' or sets of line items from BoQ in the bid to another empaneled vendor based on cost, time & quality considerations at its sole discretion. The transport cost in such cases will be on actual basis.
7. Purchase Orders & Delivery details Over the validity of this RFQ, purchase orders with specified quantity & delivery details would be issued as per requirements
8. Delivery time is the essence of this order and must be strictly adhered to. If the vendor fails to deliver the goods in time, the Buyer may, at its sole discretion:
  - Treat the order as cancelled at any time and recover any loss or damage from the vendor by invoking Security Deposit;
  - purchase the goods ordered or any part thereof from other sources on the vendor's account, in which case, the Vendor shall be liable to pay the Buyer not only the difference between the price at which such goods have been purchased and the price calculated at the rate set out in this order, but also any other loss or damage the Buyer may suffer;

### **11. Indicative Delivery Schedule**

- Goods to be delivered at our Gurukul as per following:

Sl. No	Delivery Location	Delivery Schedule
1	Kalyan Gurukul Chas (Bokaro)	Within 15 days of signing of contract
2	Kalyan Gurukul Kanke (Ranchi)	
3	Kaushal College Tharpakana (Ranchi)	
4	Kalyan Gurukul Torpa (Khunti)	
5	Kalyan Gurukul Sinni (Saraikela)	Exact delivery schedule will be

6	Kalyan Gurukul (Sahibganj)	intimated by PREJHA Foundation but will not be more than 180 days from signing of contract. Selected Bidder will be intimated about the delivery schedule 15 days in advance and must deliver within the same.
9	Kalyan Gurukul Manika(Latehar)	
10	Kalyan Gurukul Kusuma (Sahibganj)	
11	Kalyan Gurukul Karmatand (Godda)	
12	Kalyan Gurukul Maithan (Dhanbad)	
13	Kaushal College Jhinkpani (West Singhbhum)	

### **12. Payment Terms**

- a. 100% within 60 days of delivery on submission of invoice & delivery challan for each unit. If the vendor delivers goods within 7 days of order confirmation, 100% payment will be done within 45 days.
- b. If a vendor fails to deliver the goods as per the delivery schedule. PREJHA foundation is entitled to delay payment by 2 days for each day delay in delivery. If such delay extends beyond 7 days, it could lead to possible forfeiture of security deposit.

### **13. Unloading**

- a. Unloading is in Vendor's scope, cost & arrangement will be borne by Vendor.
- b. The risk of all materials till receipt at location will be in vendor's scope.

### **14. Quality of goods and services.**

The Vendor should warrant to PREJHA that:

- The Goods and Services would conform in all respects to the Order and to recognized Indian or equivalent standards and codes (where applicable) and be at the complete satisfaction of Buyer.
- The said good/services processed and delivered by the Vendor shall be made from good quality bought out components/materials, as acceptable to the Buyer and it should have standard/excellent workmanship and fit for their intended purpose.

### **15. Warranty/ Guarantee**

- a) The said goods/services delivered by the Vendor should be identical to the sample/specification given by the Vendor.
- b) Where the said goods/services delivered by the Vendor to the Buyer is according to sample as well as certain specification/description, if any, the said goods/services processed and delivered, shall match not only with the said sample, but also with the said specification/description.
- c) If deficiency is identified before or during the transfer of risk or during the Guarantee/warranty Period, the Vendor must at its own expense and at the discretion of the Buyer either repair the deficiency or provide re-performance of the Services or replacement of delivery. This provision also applies to delivery subject to inspection by sample test. The discretion of the Buyer shall be final.

### **16. Inspection**

- a) All materials supplied against the order should conform strictly to the specifications laid down by the Buyer, and should be new, merchantable quality, fit for their intended purpose and should be in line with “Quality Assurance Plan”, if any, which must be approved in advance by the Buyer. All such materials will be subject to inspection and approval by the Buyer, either at the Vendor’s premises and/or at the place of delivery indicated by the Buyer.
- b) The Buyer reserves the rights to inspect the material at any stage during manufacture or supply and reject the same if found defective or not in conformity with the specifications or not fit for their intended purpose without invalidating the remainder of the order, if so desired by the Buyer.
- c) All rejected material from the Buyer’s site store shall be removed by the vendor at their own cost positively within 15 days from the date of rejection note / intimation issued by the Buyer to them. In case of any failure to remove the same by the vendor within the stipulated period, the Buyer shall have all rights to remove the rejected materials/goods from their premises and discard it. Any cost on this account would be debited to vendor’s account.
- d) The Buyer under no circumstances will be liable or held accountable for any damage, loss, deterioration of the rejected materials/goods for discarding the material/goods, or for any value for it.

***17. Damage or loss in transit***

- a) Subject to the terms of the Order, the Vendor undertakes at its own expense to replace goods lost or damaged in transit.
- b) The delivery will not be deemed to have taken place until replacement items are delivered to the satisfaction of the Buyer.

***18. Ownership and risk***

Subject to the terms of the delivery and without prejudice to PREJHA Foundation’s other rights under the Conditions of the Order:

- a) Ownership in the Goods shall pass to PREJHA on delivery and acceptance.
- b) Risk in the Goods shall pass to PREJHA on delivery, save where the Order includes installation, in which case risk shall not pass to PREJHA until completion of the installation work.

***19. Fraud/Corruption***

PREJHA Foundation requires that the bidders participating in the selection process adhere to the highest ethical standards, both during the selection process and throughout the execution of the Contract.

PREJHA Foundation will terminate the Contract, if already awarded and will declare the bidder ineligible, either indefinitely or for a stipulated period, to be awarded a Contract, if at any time it determines that the bidder has in contravention to the undertaking given in the Bid document and/or contract, directly or through an agent, engaged in corrupt, fraudulent, collusive or coercive practices in competing for, or in executing, a Contract as enshrined in the undertaking in bidding document and contract

***20. Conflicting relationships***

Bidder has an obligation to disclose as part of the bid document any situation of actual or potential conflict that impacts their capacity to serve the best interest of PREJHA Foundation, or that may reasonably be perceived as having this effect. Failure to disclose the said situations may lead to the disqualification of the bidder or the termination of its Contract

***21. Jurisdiction.***

- The disputes if any between the parties shall be subject to the exclusive jurisdiction of the courts in Ranchi alone.

## STANDARD FORMS

<b>TECH FORMS</b>	<b>FORM NAME</b>	<b>Mention list of all supporting documents attached (if any)</b>
TECH-1	Letter of proposal submission	Pls scan & attach
TECH-2	Bidder's organization and experience	Pls Put details during bid submission online
TECH-3	Techno commercial offer	Pls Put details during bid submission online
Fin - 1	Financial Bid Format	Pls Put details during bid submission online

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**Form Tech 1: Letter**

**(On Bidder's Letter-head)**  
**Letter of Proposal Submission**

To,  
Executive Director  
**PanIIT Alumni Reach For Jharkhand Foundation**  
**Kalyan Complex, Balihar Road, Morabadi,**  
**Ranchi - 834008, Jharkhand**

We, the undersigned, offer to supply MEP Training Materials for PREJHA Foundation, in accordance with your Request for Quotation dated 26-01-2018. We are hereby submitting our proposal, which includes this Technical Proposal, and the Financial Proposal as indicated

We undertake the total responsibility for supply of the goods, if awarded to us.

We hereby declare that all the information and statements made in this proposal are true and accept that any misrepresentation contained in it may lead to our disqualification.

We understand that **PREJHA Foundation** is not bound to accept any proposal it receives.

We further state that we understand that PREJHA Foundation will terminate the Contract, if already awarded and will declare the bidder ineligible, either indefinitely or for a stipulated period, to be awarded a Contract, if at any time it determines that the bidder has, directly or through an agent, engaged in corrupt, fraudulent, collusive or coercive practices in competing for, or in executing a Contract

Yours faithfully,

\***Authorized Signatory** [*In full and Designation*]: Name and Title of Signatory:  
**Name of Bidder:**  
**Address:**



## Form Tech 2: Bidder's Organization and Experience

### Bidder's Organization

Provide here a brief description of the background and organization of your Agency/entity.

<i>Years</i>	<i>2015-16</i>	<i>2016-17</i>	<i>Average</i>
<i>Turnover (INR)</i>			

*Attach PAN card copy, Bank Details (along with copy of cancelled cheque)*

**Form Tech 3: Techno commercial Offer**

<b><u>TENDER PROFORMA for Techno-commercial</u></b>	
PREJHA reference	
Name of Bidder	
Address of Bidder	
Acceptance of Delivery Schedule	Yes
Acceptance of payment terms	Yes
GSTIN No	
Acceptance of Guarantee clause	Yes
Acceptance of Jurisdiction clause	Yes

**Form Fin1: Financial Bid Proforma**

<b>TENDER PROFORMA for Commercial</b>							
<b>PREJHA Reference No</b>							
<b>Name of Bidder</b>							
<b>SN</b>	<b>Item Description</b>	<b>Estimated Qty</b>	<b>Unit Rate</b>	<b>Estimated Value</b>	<b>Tax %</b>	<b>Tax</b>	<b>Freight</b>
1	MS square rod of length 10mm (in ft)	100					
2	MS square rod of length 12mm (in ft)	300					
3	MS square rod of length 16mm (in ft)	400					
4	MS square rod of length 6mm (in ft)	10					
5	MS square rod of length 8mm (in ft)	100					
6	6A 3 Pin Dual Switch Universal Socket combined	32					
7	6A 3 Pin Single Switch Universal Socket Combined	32					
8	10mm Nut	1600					
9	10mm Washor	3200					
10	16 mm GI nut	600					
11	16 mm GI washor	1400					
12	16 mmx 100mm long bolt	440					
13	2 Way Switch 6 Amp	60					
14	20mm Adaptor (PVC)	80					
15	20mm Brass Brush	80					
16	20mm Conduits (GI) - in metres	80					
17	20mm Coupler (GI)	80					
18	20mm Coupler (PVC)	80					
19	20mm Flexible Conduit - meters	120					
20	20mm Flexible Conduit Adaptor	80					
21	20mm Galvanized Steel flexible gland with lock nut	160					
22	20mm Junction Box (GI) - 1 way	40					
23	20mm Junction Box (GI) - 2 way	40					
24	20mm Junction Box (GI) - 3 way	40					
25	20mm Junction Box (GI) - 4 way	40					
26	20mm Junction Box (GI) - angle way	40					
27	20mm Junction Box (PVC) - 1 way	40					
28	20mm Junction Box (PVC) - 2 way	40					
29	20mm Junction Box (PVC) - 3 way	40					
30	20mm Junction Box (PVC) - 4 way	40					
31	20mm Junction Box (PVC) - angle way	40					
32	20mm PVC coated Galvanized Steel flexible conduits - meters	40					

33	20mm Saddle (GI)	80					
34	20mm Saddle (PVC)	80					
35	Back Box (GI) - 132mm x 72mm	80					
36	Back Box (GI) - 72mm x 72mm	80					
37	Back Box (PVC) - 132mm x 72mm	80					
38	Back Box (PVC) - 72mm x 72mm	80					
39	Bracket Holder Angle type	40					
40	Bracket Holder Straight type	40					
41	DB Box - 6 Way	24					
42	DB Box - 8 Way	24					
43	Dimmer Switch	8					
44	DP Changeover Switch 32 Amp Front Handle	4					
45	Dp Main Switch (Fuse Unit Switch) 32 Amp Front Handle	4					
46	DP MCB 32 Amp with metal box	8					
47	DP MCB 32 Amp with PVC box	8					
48	DP RCCBO Box Encloser - 63 Amp Tripping Current - 30 mA	4					
49	Energy Meter 250V - 20 Amp	4					
50	Flexible Wire-Green coil (1.5sq mm)	12					
51	Flexible Wire-Red coil (1.5sq mm)	12					
52	Flexible Wire-Yellow coil (1.5sq mm)	12					
53	GI Back Box 4"/6" For Switch Board	5					
54	GI Cable Ladder - width 150 mm , 45 degree horizontal elbow	20					
55	GI Cable Ladder - width 150 mm , 90 degree horizontal elbow	20					
56	GI Cable Ladder - width 150 mm , horizontal Tee	20					
57	GI Cable Ladder - width 150 mm , horizontal Tee, Inside Riser	20					
58	GI Cable Ladder 150mm width & 50 mm height (length 2.5m)	20					
59	GI Cable ladder joint coupler 30mmX200mm	20					
60	GI Cable Tray - width 150 mm , 45 degree horizontal elbow	20					
61	GI Cable Tray - width 150 mm , 90 degree horizontal elbow	20					
62	GI Cable Tray - width 150 mm , horizontal Tee	20					
63	GI Cable Tray - width 150 mm , horizontal Tee, Inside Riser	20					
64	GI Cable tray 150mm width & Height 25mm (length 2.5m)	20					
65	GI cable tray cover 150mm width & height 25 mm (length 2.5m)	20					

66	GI Cable tray joint coupler 20mmx200mm	20					
67	GI Cable Trunking - width 150 mm , 45 degree horizontal elbow	20					
68	GI Cable Trunking - width 150 mm , 90 degree horizontal elbow	20					
69	GI Cable Trunking - width 150 mm , horizontal Tee	20					
70	GI Cable Trunking - width 150 mm , horizontal Tee, Inside Riser	20					
71	GI Cable Trunking 150mm width & 25mm height (length 2.5m)	20					
72	GI Cable trunking joint coupler for cable tray	20					
73	Glue (PVC Conduit Joint) - liters	10					
74	PVC Adaptor for PVC Conduit 20mm dia	100					
75	PVC Conduit Pipe (10 ft len) 20mm dia	80					
76	Single Pole MCB 10 Amp	60					
77	Single Pole MCB 6 Amp	60					
78	Threaded Rod (dia: 16mm, length: 8 ft)	50					
79	MS 'C' ERW Pipes with epoxy paint - 100mm dia	8					
80	MS 'C' ERW Pipes with epoxy paint - 150mm dia	25					
81	MS 'C' ERW Pipes with epoxy paint - 150mm dia	8					
82	MS 'C' ERW Pipes with epoxy paint - 25mm dia	50					
83	MS 'C' ERW Pipes with epoxy paint - 32mm dia	12					
84	MS 'C' ERW Pipes with epoxy paint - 40mm dia	12					
85	MS 'C' ERW Pipes with epoxy paint - 50mm dia	30					
86	MS 'C' ERW Pipes with epoxy paint - 65mm dia	8					
87	MS 'C' ERW Pipes with epoxy paint - 80mm dia	25					
88	Anchor fastener	25					
89	Brass ball valve - 25mm	14					
90	Brass body manual air release valve	7					
91	Brass fire brigade connection	1					
92	Brush - 2"	12					
93	Brush - 4"	12					
94	Butterfly valve with supervisor switch	8					
95	Cast iron sluice valve - 150mm	1					
96	Check valve (NRV) 80NB	8					

97	Drain glass valve - 25mm	6					
98	Drainage Piping	0					
99	Elbow - 150mm	5					
100	Elbow - 25mm	5					
101	Elbow - 25mm	15					
102	Fire hose cabinet	6					
103	First Aid hose reel in red colour drum - 35m x 20mm	6					
104	Fixed heat detector	3					
105	Flexidrop	30					
106	Foot valve with strainer 100NB - Display	1					
107	Full face flanges undrilled (4")	15					
108	Gate valve 80NB	15					
109	GI clamps	60					
110	Hold Tight	8					
111	Inspector's test drain assembly	8					
112	Jute	8					
113	MS 'C' ERW Pipes with epoxy paint - 150mm dia	5					
114	Multicriteria detector	3					
115	Neoprene Rubber (1m x 1m)	8					
116	Optical smoke detector	3					
117	Orifice plate - 100mm dia	1					
118	Orifice Plate - 25mm	6					
119	Orifice Plate - 50mm	6					
120	Orifice Plate - 65mm	12					
121	Orifice Plate - 80mm	6					
122	Pressure gauge	8					
123	Rate of rise heat detector	3					

124	Red oxide	12					
125	Red paint	12					
126	Reducer - 25 x 15	80					
127	Reducer - 32 x 15	80					
128	Reducer - 40 x 15	80					
129	Reducer - 65 x 25	1					
130	Reducer - 80 x 65	1					
131	Rossette plate	200					
132	Rubber reinforced lined canvas fire hose pipe - 63 mm dia	1					
133	Rubber reinforced lined canvas fire hose pipe - 63 mm dia	6					
134	S.S. fire hydrant single landing valve - 80mm - 63mm	6					
135	S.S. fire hydrant double landing valve - 100mm - 63mm	1					
136	Socket	5					
137	Sprinkler Head 15mm - 68o Concealed Pendant	12					
138	Sprinkler Head 15mm - 68o Horizontal Sidewall	12					
139	Sprinkler Head 15mm - 68o Pendant Type	12					
140	Sprinkler Head 15mm - 79o Pendant Type	12					
141	Sprinkler Head 15mm - 79o Upright Type	12					
142	Teflon tape	100					
143	Thinner	8					
144	T-joint - 25 x 25	15					
145	T-joint Reducer - 150 x 100	8					
146	T-joint Reducer - 150 x 80	1					

147	T-joint Reducer - 65 x 25	8					
148	T-joint Reducer - 80 x 25	8					
149	Union - 25mm	8					
150	Waterflow switch	8					
151	Access Doors	2					
152	Aluminium Tape	16					
153	Ball Valve 1" (CS/GI/Brass)	4					
154	Ball Valve 2" (CS/GI/Brass)	4					
155	Butterfly Valve (brass - 2")	4					
156	Buttweld Elbow (1") MS/GI	4					
157	Buttweld Union (1") MS/GI	4					
158	C Clamp	100					
159	Canvas Cloth	8					
160	Check Valve 1" (CS/GI/Brass)	4					
161	Check Valve 2" (CS/GI/Brass)	4					
162	Clamp 1.5 inch SS	80					
163	Clamp 2 inch SS	80					
164	Copper Elbow (12mm)	32					
165	Copper Elbow (15mm)	32					
166	Copper Elbow (22mm)	16					
167	Copper Nipple (12mm)	32					
168	Copper Nipple (15mm)	32					
169	Copper Nipple (22mm)	16					



170	Copper Pipe (12mm) 20 ft each	16					
171	Copper Pipe (15mm) 20 ft each	16					
172	Copper Pipe (22mm) 20 ft each	8					
173	Copper Reducer (15mm to 12mm)	16					
174	Copper Reducer (22mm to 12mm)	32					
175	Copper Reducer (22mm to 15mm)	32					
176	Copper Socket (12mm)	32					
177	Copper Socket (15mm)	32					
178	Copper Socket (22mm)	16					
179	Copper Tee (12mm)	32					
180	Copper Tee (15mm)	32					
181	Copper Tee (22mm)	16					
182	Copper Union (12mm)	32					
183	Copper Union (15mm)	32					
184	Copper Union (22mm)	16					
185	Double Regulator Valve 2" (CS/GI/Brass)	4					
186	Emiry Paper (100 pc - 6inch - 400 grit)	1					
187	End Cap 1"	5					
188	End Cap 2"	5					
189	Fasteners (10mm)	120					
190	Fire Damper	2					
191	Flexible Duct Connector	1					
192	Gate Valve 1" (CS/GI/Brass)	4					

193	Gate Valve 2"(CS/GI/Brass)	4					
194	GI Cross Tee (1" dia)	4					
195	GI Cross Tee (1/2" dia)	4					
196	GI Cross Tee (3/4" dia)	4					
197	GI equal Tee (1" dia)	4					
198	GI equal Tee (1/2" dia)	4					
199	GI equal Tee (3/4" dia)	4					
200	GI female adaptor 1"	4					
201	GI female adaptor 1/2"	4					
202	GI female adaptor 3/4"	4					
203	GI male adaptor 1"	4					
204	GI male adaptor 1/2"	4					
205	GI male adaptor 3/4"	4					
206	GI Nipple (1")225 mm long	8					
207	GI Nipple (1.25")225 mm long	8					
208	GI Nipple (1.5")225 mm long	8					
209	GI Nipple (1/2")225 mm long	8					
210	GI Nipple (2")225 mm long	8					
211	GI Nipple (3/4")225 mm long	8					
212	GI Pipe (1" dia 10 ft length)	8					
213	GI Pipe (1.25" dia 10 ft length)	4					
214	GI Pipe (1.5" dia 10 ft length)	2					
215	GI Pipe (1/2" dia 10 ft length)	8					

216	GI Pipe (2" dia 10 ft length)	2					
217	GI Pipe (3/4" dia 10 ft length)	16					
218	GI Reducing Elbow (.75to .5)inch	4					
219	GI Reducing Elbow (1.25to 1)inch	4					
220	GI Reducing Elbow (1.5to .5)inch	4					
221	GI Reducing Elbow (1.5to 1)inch	4					
222	GI Reducing Elbow (1to .5)inch	4					
223	GI Reducing Elbow (1to .75)inch	4					
224	GI Reducing Elbow (2to 1)inch	4					
225	GI Reducing Elbow (3to 2)inch	4					
226	GI Sheet (set of 24G,22G,20G,18G,16G ) each having dimension 8'x4'	16					
227	GI Socket (1")	8					
228	GI Socket (1.25")	8					
229	GI Socket (1.5")	8					
230	GI Socket (1/2")	8					
231	GI Socket (2")	8					
232	GI Socket (3/4")	8					
233	GI Unequal Tee (1" dia)	4					
234	GI Unequal Tee (1/2" dia)	4					
235	GI Unequal Tee (3/4" dia)	4					
236	Glue	12					
237	Insulation in sq ft	2800					
238	Jubilee Clamp(170-190mm)	100					

239	M.S. Angles (25x25)	10					
240	M.S. Angles (40x40)	10					
241	MS Coupler 1.5"	4					
242	MS Coupler 4"	4					
243	Nut & Washer 8mm	300					
244	Pipe 3/4" MS (10ft length)	32					
245	Pipe 4" MS (10ft length)	32					
246	Reducer (Concentric)(CS/GI/Brass)	5					
247	Reducer (eccentric)(CS/GI/Brass)	5					
248	Round Diffusers	2					
249	Rubber Valve 1" (CS/GI/Brass)	4					
250	Rubber Valve 2" (CS/GI/Brass)	4					
251	Sound Liner	1					
252	Square Diffusers	2					
253	Steel -(Ms)Channel=6000X100X50MM	16					
254	Sticker Pin Box	8					
255	Thread Rod 8mm dia 8 ft length	300					
256	Threaded Elbow (1")(MS/GI)	4					
257	Threaded Elbow (1.25")(MS/GI)	4					
258	Threaded Elbow (1.5")(MS/GI)	4					
259	Threaded Elbow (1/2") (MS/GI)	4					
260	Threaded Elbow (2")(MS/GI)	4					
261	Threaded Elbow (3/4")(MS/GI)	4					

262	Threaded Union (1")(MS/GI)	4					
263	Threaded Union (1.25")(MS/GI)	4					
264	Threaded Union (1.5")(MS/GI)	4					
265	Threaded Union (1/2")(MS/GI)	4					
266	Threaded Union (2")(MS/GI)	4					
267	Threaded Union (3/4")(MS/GI)	4					
268	Unifix 8mm	300					
269	Volume control Damper	2					
270	Wall Grill	2					
271	Water Proof Foster	1					
272	Welding Rod -2.5mm dia	12					
273	Welding Rod -3.2mm dia	12					
274	Welding Rod -4.0mm dia	12					
275	Welding Rod -5.0mm dia	12					
276	Y Strainer 1" (CS/GI/Brass)	4					
277	Y Strainer 2" (CS/GI/Brass)	4					
278	90 degree elbow female thread for pex pipe 1/2"*1/2"F	5					
279	90 degree elbow female thread for pex pipe 3/4"*3/4"F	5					
280	90 degree elbow for pex pipe 1/2"*1/2"	5					
281	90 degree elbow for pex pipe 3/4"*3/4"	5					
282	90 degree elbow male thread for pex pipe 1/2"*1/2"M	5					
283	90 degree elbow male thread for pex pipe 3/4"*3/4"M	5					
284	Automatic Air Vent Valve 1/2"(For Pex Pipe)	1					

285	Ball Valve 1/2" (For Pex Pipe)	2					
286	Ball valve 3/4" (For Pex Pipe)	2					
287	Ball Valve With Tail Piece 1/2"(For Pex Pipe)	1					
288	Blue Clamp for Sheathing (For Pex Pipe)	5					
289	Blue Sleeve (1") length in mtr	20					
290	Brazing Rod	8					
291	Check Valve (Brass) 2 inch	2					
292	Clamp - 0.75"	80					
293	Clamp - 1.25"	80					
294	Clamp - 1.5"	80					
295	Clamp - 3"	80					
296	Clamp - 4"	80					
297	Crimp ring for pex pipe 1/2"	25					
298	Cutter For Plastic pipe (0-25)	2					
299	Elbow fitting adaptor Connection 1/2"x 16(For Pex Pipe)	5					
300	Elbow fitting adaptor Connection 1/2"x 18(For Pex Pipe)	5					
301	Elbow fitting adaptor Connection 3/4"x 18(For Pex Pipe)	5					
302	End Cap for pex pipe(1/2")	5					
303	M-Adaptor -Adaptor connection for pex pipe(1/2"x16)	5					
304	M-Adaptor -Adaptor connection for pex pipe(1/2"x18)	5					
305	M-Adaptor -Adaptor connection for pex pipe(3/4"x16)	5					
306	M-Adaptor -Adaptor connection for pex pipe(3/4"x22)	5					
307	Male Thread adaptor for pex pipe (1/2"x 16)	5					

308	Male Thread adaptor for pex pipe (1/2"x 18)	5					
309	Male Thread adaptor for pex pipe (3/4"x 16)	5					
310	Male Thread adaptor for pex pipe (3/4"x 18)	5					
311	Manifold with 4no1/2" outlets & 1 no 3/4" inlet for pex pipe	2					
312	Manifold with 4no1/2" outlets & 2 no 3/4" inlet for pex pipe	2					
313	Modular Manifold for pex pipe (DN25 X 16)	2					
314	Modular Manifold in pair for pex pipe (3/4"x16xDN25)	2					
315	Modular Manifolds with Stop Valve for pex pipe(3/4"x1/2"/2)	1					
316	Modular Manifolds with Stop Valve for pex pipe(3/4"x1/2"/3)	1					
317	Modular Manifolds with Stop Valve for pex pipe(3/4"x1/2"/4)	1					
318	MS Frame (in Kg)	32					
319	Nipple - 1.25"	32					
320	Nipple -0.5"	32					
321	Nipple -0.75"	32					
322	Nipple -1"	32					
323	Non return Valve (Brass) 2 inch	2					
324	Pex Pipe (1/2") length in mtr	20					
325	Pex Pipe (3/4") length in mtr	20					
326	PEX Pipe Adaptor - 16x1/2"	4					
327	PEX Pipe Adaptor - 18x1/2"	4					
328	PEX Pipe Adaptor - 18x3/4"	4					
329	Plug For Manifold 3/4"(For Pex Pipe)	4					
330	Puddle Flange - dia 100mm - 500mm length	2					

331	Puddle Flange - dia 150mm - 500mm length	2					
332	Puddle Flange - dia 200mm - 500mm length	2					
333	Puddle Flange - dia 50mm- 500mm length	2					
334	Puddle Flange - dia 75mm- 500mm length	2					
335	PVC 45 deg Elbow -3"	32					
336	PVC 45 deg Elbow -4"	32					
337	PVC Elbow - 0.75"	32					
338	PVC Elbow - 1"	32					
339	PVC Elbow - 4"	32					
340	PVC Elbow -1.25"	32					
341	PVC Elbow -1.5"	32					
342	PVC Elbow- 2"	32					
343	PVC Elbow -3"	32					
344	PVC Pipe (20ft long) - 1.25"	40					
345	PVC Pipe (20ft long) - 2"	40					
346	PVC Pipe (20ft long) - 4"	40					
347	PVC Pipe (20ft long) -.75"	24					
348	PVC Pipe (20ft long) -1"	40					
349	PVC Pipe (20ft long) -1.5"	24					
350	PVC Pipe (20ft long) -3"	24					
351	PVC Reducer (.75 to .5")	16					
352	PVC Reducer (1" to .75")	16					
353	PVC Reducer (1.25 to 1")	32					



354	PVC Reducer (1.5" to 1.25")	32					
355	PVC Reducer (2" to 1.5")	16					
356	PVC Reducer (3" to 2")	16					
357	PVC Reducer (4" to 3")	16					
358	PVC Socket - 1"	32					
359	PVC Socket - 1.5"	32					
360	PVC Socket - 2"	32					
361	PVC Socket -0.75"	32					
362	PVC Socket -1.25"	32					
363	PVC Socket -3"	32					
364	PVC Socket -4"	32					
365	PVC Tee - 0.75"	32					
366	PVC Tee - 1"	32					
367	PVC Tee - 1.25"	32					
368	PVC Tee -1.5"	16					
369	PVC Tee -3"	16					
370	PVC Tee -4"	32					
371	PVC U -3"	32					
372	PVC U -4"	32					
373	PVC Union - 1"	32					
374	PVC Union -0.5"	24					
375	PVC Union-0.75"	32					
376	Red Clamp for Sheathing (For Pex Pipe)	5					

377	Red Sleeve (1") length in mtr	20					
378	Reducing Straight fitting for pex pipe 3/4"*1/2"	8					
379	Sanitary System Connection for pex pipe FTA (1/2"x16)	8					
380	Sanitary System Connection for pex pipe FTA (1/2"x18)	8					
381	Straight fitting for pex pipe 1/2"*1/2"	5					
382	Straight fitting for pex pipe 3/4"*3/4"	5					
383	Straight Fitting Male thread 1/2" X 1/2"F (For Pex Pipe)	5					
384	Straight Fitting Male thread 1/2" X 1/2"M (For Pex Pipe)	5					
385	Straight Fitting male Thread 1/2" X 3/4"M (For Pex Pipe)	10					
386	Straight Fitting male Thread 1/2"F X 3/4" (For Pex Pipe)	5					
387	Straight Fitting male Thread 3/4" X 3/4"F (For Pex Pipe)	5					
388	Straight Fitting male Thread 3/4" X 3/4"M (For Pex Pipe)	5					
389	Threading Oil(litre) - in 2ltr can	16					
390	GI Testing Plug - 1/2"	10					
391	GI Testing Plug - 3/4"	10					
392	Copper Testing Plug - 1/2"	10					
393	HDPE Pipe (1" dia 10 ft length)	10					
394	HDPE Pipe (2" dia 10 ft length)	10					
395	HDPE Pipe (3" dia 10 ft length)	10					
396	HDPE Pipe (4" dia 10 ft length)	10					
397	PPR Pipe (1/2" dia 10 ft length)	10					
398	PPR Pipe (3/4" dia 10 ft length)	10					
399	PPR Pipe (1" dia 10 ft length)	10					

400	PPR Pipe (1.25" dia 10 ft length)	10					
401	PPR Pipe (1.5" dia 10 ft length)	10					
402	PPR Pipe (2" dia 10 ft length)	10					
403	PPR Elbow 90 deg (1/2")	10					
404	PPR Elbow 90 deg (3/4")	10					
405	PPR Elbow 90 deg(1")	10					
406	PPR Elbow 90 deg(1.25")	10					
407	PPR Elbow 90 deg(1.5")	10					
408	PPR Elbow90 deg (2")	10					
409	PPR - T(1/2")	10					
410	PPR - T(3/4")	10					
411	PPR - T(1")	10					
412	PPR - T(1.25")	10					
413	PPR - T(1.5")	10					
414	PPR - T(2")	10					
415	PPR Elbow 45 deg (1/2")	10					
416	PPR Elbow 45 deg (3/4")	10					
417	PPR Elbow 45 deg(1")	10					
418	PPR Elbow 45 deg(1.25")	10					
419	PPR Elbow 45 deg(1.5")	10					
420	PPR Elbow 45 deg (2")	10					
421	PPR - Socket(1/2")	10					
422	PPR - Socket(3/4")	10					

423	PPR - Socket(1")	10					
424	PPR - Socket(1.25")	10					
425	PPR - Socket(1.5")	10					
426	PPR - Socket(2")	10					

(\* - Freight - Ex Ranchi)