

RESTRICTED

IMMEDIATE

C&IT Branch
Signals Directorate
Rawalpindi
Tel : GHQ : 34222
1249/Sigs-2B/004

13 Jul 2022

To: ISPR Dte, GHQ
Rawalpindi

Information: Public Procurement Regulatory Authority (PPRA)
(Cabinet Division) Islamabad

Subject: **Advertisement of Tender Notice – Sigs Dte**

1. Tender notice pertaining to procurement of communication stores is forwarded herewith for publication in 2x newspapers (English and Urdu Daily) on 15 Jul 2022 and same also be forwarded to PPRA authority for uploading at PPRA Website www.ppra.org.pk

✓ 2. **Public Procurement Regulatory Authority (PPRA) Only**. Subject tender is forwarded herewith for uploading on PPRA website. Bill of the subject tender be forwarded to this Directorate for our necessary payment.


Major
For Signals Officer-in-Chief
(Khurram Azeem Malik)

RESTRICTED

GENERAL HEADQUARTER SIGNALS DIRECTORATE (RAWALPINDI)**SHORT TENDER NOTICE NO 1249/SIGS-2B/004**

1. General Headquarters Signals Directorate Rawalpindi invites sealed bids from the original manufactures / authorized distributors / contractors registered with Income Tax and Sales Tax Departments for supply of following stores on "FOR" Rawalpindi basis for financial year 2022/23:-

Serial	Items	Opening Date
a.	100 Mbps Microwave Radio with all power accessories (NERA XTEND Access or equivalent)	2 August 2022 (Tuesday)
b.	Spare IDU of IP NERA XPAND Microwave Radio or equivalent	
c.	Spare ODU of IP NERA XPAND Microwave Radio or equivalent	
d.	Spare Power Supply of IP NERA XPAND and XTEND MW Radio (100 Mbps) or equivalent	
e.	PCM Multiplexer 256 Chs (OFC & E1s Based) EZWELL or equivalent	
f.	PCM Multiplexer 120 Chs (OFC & E1s Based) EZWELL or equivalent	
g.	PCM Multiplexer 60 Chs (OFC & E1s Based) EZWELL or equivalent	
h.	PCM Multiplexer 30 Chs (OFC & E1s Based) EZWELL or equivalent	
i.	PCM Multiplexer 8 Chs (OFC & E1s Based) EZWELL or equivalent	
j.	FXS Cards for PCM Multiplexer (8, 30, 60 & 120 Chs) XEDCOM or equivalent	
k.	FXO Cards for PCM Multiplexer (8, 30, 60 & 120 Chs) XEDCOM or equivalent	
l.	Motherboard of FXO for PCM Multiplexer (30 Chs) XEDCOMM or equivalent	
m.	Motherboard of FXS for PCM Multiplexer (30 Chs) XEDCOMM or equivalent	
n.	MSAP Multiplexer (30 Chs) with complete accessories (OFC & E1s Based) OPNET Technologies or equivalent	
o.	FXS Cards for MSAP Multiplexer (30 Channels) (OPNET Technologies or equivalent)	
p.	FXO Cards for MSAP Multiplexer (30 Channels) (OPNET Technologies or equivalent)	
q.	E1s Cards for MSAP Multiplexer (30 Channels) (OPNET Technologies or equivalent)	
r.	OFC Cards for MSAP Multiplexer (30 Channels) (OPNET Technologies or equivalent)	
s.	STM-1 Cards for MSAP Multiplexer (30 Channels) OPNET Technologies or equivalent)	
t.	DLAN Cards for MSAP Multiplexer (30 Channels) OPNET Technologies or equivalent)	
u.	Channel Bank Assembly - Type C (CBA-C) for MSAP Multiplexer (30 Channels) (OPNET Technologies or equivalent)	
v.	Local Power Supply Unit (L-PSU) for MSAP Multiplexer (30 Channels) (OPNET Technologies or equivalent)	
w.	Remote Power Supply Unit (R-PSU) for MSAP Multiplexer (30 Channels) (OPNET Technologies or equivalent)	
x.	Central Processing Unit (CPU2) for MSAP Multiplexer (30 Channels) (OPNET Technologies or equivalent)	
y.	Optical Modem 4E1 (80 Km, 40 Km) Range	
z.	Optical Modem 8E1 (80 Km, 40 Km) Range	
aa.	Optical Modem 16E1 (80 Km, 40 Km Range)	
bb.	1E1 to Ethernet Converters	
cc.	2E1s to Ethernet Converters	
dd.	4E1s to Ethernet Converters	
ee.	8E1s to Ethernet Converters	
ff.	16E1s to Ethernet Converters	
gg.	Fiber to Ethernet Media Converters (Single Strand & complete OFC Pair 20 Kms Range) or equivalent	
hh.	Viavi Smart OTDR 100B (40dB) (with inbuilt laser source, power meter and VFL) or equivalent	
ii.	Optical Fiber Fusion Splicing Machine (Fujikura Model FSM-80S+/ 90S+ or equivalent (with CT-08 cleaver and standard accessories)	
jj.	Optical Fiber Cable Tool Kit (Fujikura) or equivalent	
kk.	Spare Batteries of OFC Splicing Machine (Fujikura Model FSM-80S+/ 90S+) or equivalent	
ll.	Optical Fiber Cleaver (CT-08 or equivalent)	
mm.	Spare Batteries of Viavi Smart OTDR 100B (40dB) or equivalent	
nn.	Spare Batteries of (10.8V 2100mAh) of OTDR (AQ-7275/MTS-6000A) or equivalent	
oo.	Point to Point / Multipoint Microwave Equipment (50 Mb Data) FXO / FXS Supported (DLB5/5ac or equivalent)	

Serial	Items	Opening Date
pp.	8 Port FXO/ FXS Voice Gateway for Point to Point / Multipoint Microwave Equipment (50 Mb Data) (DLB5/5ac or equivalent)	"
qq.	Exchange (6+16) Lines complete with operator console / batteries, CLI Card & stabilizer (Panasonic or equivalent)	
rr.	Exchange (50/ 100 Lines) with complete accessories/ installation (Panasonic or equivalent)	
ss.	Spare Operator Console for Exchange (6+16) Lines (Panasonic or equivalent)	
tt.	Spare Stabilizers (500 VA) for Panasonic Exchange (6+16) Lines or equivalent	
uu.	Extension Cards (2+8) Lines for Panasonic Exchange or equivalent	
vv.	Steno Telephone Sets (TIP or equivalent)	
ww.	Spare Power Adaptor for Steno Telephone Sets (TIP or equivalent)	
xx.	Telephone Set (Panasonic KXTS880MX or equivalent)	
yy.	Telephone Set (Panasonic KXT7705 or equivalent)	
zz.	Telephone Set (Panasonic KXT7703 or equivalent)	
aaa.	Telephone Sets with Addons (Model Huawei eSpace-7950) or equivalent	
bbb.	IP Margallah Telephone Sets OpenScape 55G/HFA (Icon Black) (with add-on Key Modules) or equivalent	
ccc.	IP Margallah Telephone Sets OpenScape 40 HFA (with add-on Key Modules) or equivalent	
ddd.	IP Margallah Telephone Sets OpenScape 15 HFA (with add-on Key Modules) or equivalent	
eee.	Digital Margallah Telephone Sets OpenScape 40T (with add-on Key Modules) or equivalent	
fff.	Digital Margallah Telephone Sets OpenScape 15T (with add-on Key Modules) or equivalent	
ggg.	Batteries 12 Volt (5 AHC) Maintenance Free (Long or equivalent)	
hhh.	Batteries 12 Volt (7 AHC) Maintenance Free (Long or equivalent)	
iii.	Batteries 12Volt (155 AHC) Maintenance Free (FIAMM or equivalent)	
jjj.	Batteries 12Volt (155 AHC) Maintenance Free (NARADA or equivalent)	
kkk.	Batteries 12 Volt (120 AHC) Lead Acid (AGS or equivalent)	
lll.	Batteries 12Volt (65 AHC) Maintenance Free (FIAMM or equivalent)	
mmm.	Batteries 2Volt (1000 AHC) Maintenance Free (FIAMM or equivalent)	
nnn.	Rectifier (30 Amp) G1E480 or equivalent	
ooo.	UPS 1 KVA (Homage HEX-1004 or equivalent)	
ppp.	Managed UPS 1, 2 & 5 KVA (APC or equivalent)	
qqq.	Stabilizer 1, 2, 3 & 5 KVA (Homage or equivalent)	
rrr.	Portable Generator Sets 2 KVA (Honda or equivalent)	
sss.	Generator Sets 5 KVA (Honda or equivalent)	
ttt.	Portable Generator Sets 2 KVA (Hyundai or equivalent)	
uuu.	Generator Sets 5 KVA (Hyundai or equivalent)	
vvv.	Generator Sets 12.5 KVA (Perkin or equivalent)	
www.	Generator Sets 20 & 30 KVA (Perkin or equivalent)	
xxx.	Line Conditioner (Titan by SakoVRG Series 3 KVA) or equivalent	
yyy.	Line Conditioner (Titan by SakoVRG Series 5 KVA) or equivalent	
zzz.	Line Conditioner (Titan by Sako VRG Series 15 KVA) or equivalent	
aaaa.	Solar Panel/ Invertor (5/ 10 KVA) with installation	
bbbb.	Secondary Battery Charger 12 Volt 20 Amp (SUOER-MA-1210 or equivalent)	
cccc.	Electirc SPD (2 KVA) Single Phase (Phoenix or equivalent)	
dddd.	Electirc SPD (15 KVA) 3 Phase (Phoenix or equivalent)	
eeee.	POE Switch 8 & 24 ports (Huawei S5700 or equivalent)	
ffff.	Crimping Tools	
gggg.	Network LAN Cable Tester (ST-CT8108 or equivalent)	
hhhh.	Ethernet Test Meter (Viavi Smart Class 4800 - 1G or equivalent)	
iiii.	Fax Machines (Panasonic Model KX-FL422 or equivalent)	
jjjj.	Digital Earth Meter (Vici -VC4105A or equivalent)	
kkkk.	Clamp Multimeter (UNI-T UT203 or equivalent)	
llll.	Insertion Tool Krone (Tyco Electronics or equivalent)	
mmmm.	Electrode of OFC Splicing Machine (Fujikura Model FSM -80S+/ 90S+ or equivalent)	
nnnn.	Visual Fault Locator (VFL) or equivalent	

Serial	Items	Opening Date
oooo.	Optical Light Source (EXFO / Viavi / DVP 1310 nm or equivalent)	"
pppp.	Construction of Equipment Earth (less than 1 ohm)	
qqqq.	Construction of Tower Earth (less than 1 ohm)	
rrrr.	Modules 25 Pairs (3M) for patching of UG Cable or equivalent	
ssss.	RJ-45 Connectors	
tttt.	RJ-11 Connectors (4 & 6 Pins)	
uuuu.	Line Cords for Telephone Sets (per roll 100 meter)	
vvvv.	Dry Battery Cells Size AA & AAA (Energizer or equivalent)	
wwwv.	Connectors Push Male	
xxxx.	Connectors Push Female	
yyyy.	Connectors BNC Male	
zzzz.	Connectors BNC Female	
aaaaa.	10 Pairs Surge Protected DPs	
bbbbb.	30 Pairs Surge Protected DPs	
ccccc.	UG Cable Fault Locator (Megger TDR 2000/3) or equivalent	
ddddd.	UG Cable Route Locator (Megger Easyloc) or equivalent	
eeee.	UG Cable Rig Machine	
ffff.	Blower - 600 Watt (Black & Decker) or equivalent	
ggggg.	Temperator & Humidity Meters (HTC-2) or equivalent	
hhhhh.	IFL Cable RG 6 - 300 m per roll (Andrew or equivalent)	
iiii.	CLI Device (Euro Tel-118E or equivalent)	
jjjj.	Cabinet (6U) with PDU	
kkkkk.	Cabinet (18U) with PDU	
llll.	Telephone Rozit (Single Socket/ Double Socket) or equivalent	
mmmm	UY Connectors (0.6mm) for jointing of UG Cable	
nnnnn.	SFP 622Mbps 1310nm (40 Kms Range) (Huawei or equivalent)	
ooooo.	SFP 2.5G 1310nm (40 Kms Range) (Huawei or equivalent)	
ppppp.	SFP 2.5G 1550nm (80 Kms Range) (Huawei or equivalent)	
qqqqq.	SFP 2.5G 1550nm (120 Kms Range) (Huawei or equivalent)	
rrrrr.	SFP 1.25G 1310nm (10 Kms Range) (Huawei or equivalent)	
sssss.	Switch (8 Ports) (Cisco or equivalent)	
ttttt.	Switch (24 Ports) (Cisco or equivalent)	
uuuuu.	SFP GLC-LHSMD (Cisco or equivalent)	
vvvvv.	PWR-RPS2300 (Cisco or equivalent)	
wwwvv.	Power C3K-PWR-1150WAC (Cisco or equivalent)	
xxxxx.	Winch Machine (JM1 Electric or equivalent)	
yyyyy.	Guy Support Tower (100 ft) with installation	
zzzzz.	Repair/ Maintenance of IDU/ ODU and Rectifiers of NERA Microwave Radio or equivalent	
aaaaaa	Repair/ Maintanance of Solar Equipment (Included: Solar Panel with Structure, Solar Invertor (5 KVA), RSM, ATS, DC Cables wires, Circuit Breaker and SPDs.	
bbbbbb	Earth Rod (copper)	

2. Bidding documents containing detailed terms and conditions can be obtained from General Headquarters Signals Battalion (Quarter Master Branch) Adayala Road Rawalpindi on any working day on provision of Bank Draft amounting to Rs 4000.00 (Rupees four thousand only) non-refundable in favour of the General Headquarters Signals Directorate. The tender must be submitted alongwith sealed brochure / sample by due date at 1330 hours. Technical Proposal will be opened on same date at 1400 hours. Financial bid will be opened in the presence of respesentatives of bidders after the evaluation of Technical Proposal.

3. The procuring agency may reject any bid or all bids at any time. The procuring agency shall upon request communicate to any supplier, the grounds for its rejection, but is not required to justify those grounds.

Note: "Tender is also available on PPRA website" at www.ppra.org.pk

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