

PURCHASE ORDER

HIGHBAR <small>TECHNOCRAT</small> Invoice To HIGHBAR TECHNOCRAT LIMITED Unit No.1409 , Empire Tower, 14th Floor D Wing, Gut No 31, Unit SB-1402, Airoli, Navi Mumbai-400708 GSTIN/UIN: 27AABCO4311L1Z1 State Name : Maharashtra, Code : 27 CIN: U72100MH2010PLC210078	Voucher No. HBT_IT/PO/21-22/015	Dated 14-Oct-21 Mode/Terms of Payment 30 Days Other References ESDS Proposal dt.12th Oct. 2021 Destination Terms of Delivery As Per Annexute Attached
Consignee (Ship to) HIGHBAR TECHNOCRAT LIMITED Unit No.1409 , Empire Tower, 14th Floor D Wing, Gut No 31, Unit SB-1402, Airoli, Navi Mumbai-400708 GSTIN/UIN : 27AABCO4311L1Z1 State Name : Maharashtra, Code : 27 Supplier (Bill from) ESDS Software Solution Ltd Plot No. B- 24 and 25, NICE Industrial Area, Satpur MIDC Nashik GSTIN/UIN : 27AABCE4981A1ZV State Name : Maharashtra, Code : 27	Reference No. & Date. HBT_IT/PO/21-22/015 Dispatched through	

SI No.	Description of Goods	Quantity	Rate	per	Amount
1	Professional Fees <i>Cloud Hosting Charges (for 3 Years) for Talent Pool, SAP Demo & OneHR System</i> <i>Monthly Charges Rs.1,19,963/- & Quarterly Charges Rs.3,59,889/-</i> <div style="text-align: right; margin-top: 20px;"> CGST ITC Maharashtra SGST ITC Maharashtra </div>	36.00 nos	1,19,963.00	nos	43,18,668.00
					3,88,680.12
					3,88,680.12
	Total	36.00 nos			₹ 50,96,028.24

Amount Chargeable (in words) E. & O.E
INR Fifty Lakh Ninety Six Thousand Twenty Eight and Twenty Four paise Only
 Remarks:
 Other Terms and Conditions as per Annexure attached.
 Company's PAN : **AABCO4311L**

Prepared By Name : Brijesh Runkani Designation : Sr. IT Officer	Verified By Name : Ashok Wani Designation : Head- Technology & Innovation	Approved By Name : Mangesh Wadaje Designation : CEO
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ESDS Proposal Reference: Email dated 12th October'21 10:46 AM from Mr. Husain Telwala
Excel sheet "Esds_commercial_Highbar_Internal_v1.3_CS 12102021"

Timeline:

03 Years from Start date

Professional Fees:

Particulars	Yearly Hosting Charges (Rs.)	Total Hosting Charges (Rs.)
ESDS' eNlight SAP HANA Community Cloud Hosting Services - For 3 years hosting (1,19,963/- PM)	14,39,556.00	43,18,668.00
TOTAL	14,39,556.00	43,18,668.00

Any Additional service if required by HBT, the same will be provided as per below mentioned card rates.

- Rate Card for additional/Optional components/services
- Components/Services Unit Price/Unit /Month

Components/Services	Unit	Price/Unit/Month
Additional Performance Storage on Cloud (3000 IOPS/TB)	per GB	₹ 6
Additional Unmetered Internet Bandwidth - Speed Based	Per Mbps	₹ 2,500
Additional Public IP's (Static IPv4)	Per IP	₹ 1,000
Additional Backup Space (with Backup Software)	Per TB	₹ 4,150
SUSE/HANA/APP Failover/High Availability Cluster Configuration, Management & Monitoring service	Per Cluster	₹ 7,500
Cross Connect & Port for P2P/MPLS Links at ESDS end	Per Port	₹ 1,600

Terms & Conditions:

- All prices are in Indian Rupee excluding taxes.
- Any change in the taxes, duties or levies due to change in government policies will be borne by the customer.
- Prices are for 3 years from date of initiation
- One time Infra setup cost is waved off for this engagement
- Prices are composite for the total Bill of Material and may vary with change in the Bill of Material due to increase or decrease in quantity/service period at the time of ordering.
- Billing shall start from the date of power-on of infrastructure.
- Payment will be made quarterly in Advance and within 30 days from receipt on

Invoice.

Payment Terms:

- Recurring charges (RC) or monthly chargers payable quarterly in advance. Invoice will be generated and mailed to Highbar on the 1st week of every Quarter.
- Rates are exclusive of Taxes, if any

Infra Delivery:

- Delivery Period would be minimum 3-4 days for cloud infra from the date of receipt of PO along with agreed payment.
- Existing amended PO No PO/20-21/01A dated: 22-03- 2021 will be null & void with immediate effect.
- Existing PO mentioned above has following SAP application & database up & running will continue with this revised PO & additional resources agreed on proposal dated 12.10.2021
 - a. Talent Pool Functional Team App & DB (IP address 10.9.220.66)
115.124.102.132
 - b. Talent Pool ABAP - App (IP address 10.9.220.71)

General terms & condition:

- The sizing is provided on some assumptions/HBT inputs (as per Annexure - B - SAP Sizing Calculation for Hardware Specifications), based on which the commercials are proposed, if in case any additional resources or services are required which are not mentioned in this commercials/BoM and rate card, prices for the same will be shared and such additional resource or service will be charged addition to the mentioned BoM and Prices.
- For any other additional component service charge, ESDS will charge as per the agreed Rate Card.
- This PO will deemed to be expired/Terminated any one of the below conditions:
 - a. Upon the completion of services or
 - b. Cancellation / Termination of services, in case of dispute at any point in time after giving 30 days' notice to the other party or
 - c. If the end Customer i.e. Highbar Technocrat Limited doesn't wish to continue services or short closes because of any reason, then the PO needs to be short closed.
- On happening of any event as mention in point above, ESDS will smoothly hand over

all business DATA to Highbar without any conditions.

- ESDS Strictly bound to sign the NDA, Cloud agreement and other terms and conditions mentioned therein.
- Users will access all portal applications over internet, so ESDS to provide 20 MBPS Internet bandwidth as agreed in proposal
- Uptime commitment - 99.95%. In case ESDS fails to provide uptime commitment then then credit shall be applicable on the following basis.

0 - 59 Min	0.00%
60 - 119 Min	5.00%
120 - 239 Min	10.00%
240 - 479 Min	25.00%
480 - 959 Min	50.00%
Over 960 Min	100.00%

- ESDS to ensure daily backups are taken as per agreed backup policy mentioned in sizing in Annexure B. ESDS to share successful daily / weekly backups alert / report with Highbar. In case backups are corrupted, ESDS will indemnify Highbar towards losses incurred due to loss of backup & data.

Annexure A

• **Bill of Material**



ESDS' eNlight SAP HANA Community Cloud Hosting Services (SAP & NON SAP Applications)				Compute				Remarks
Env.	Description		Unit	vCPU Nos.	RAM GB	SSD GB	OS	
115.124.102.132	A.1	Cloud Instances						
Existing 10.9.220.66	SAP HANA APP + DB	vCores: 32 RAM: 712 GB High Performance Storage (3000 IOPs/TB): 5372 GB OS: SUSE	1 No.	32	712	5372	SUSE	Talent Pool Functional Team App & DB
Existing 10.9.220.71	SAP APP	vCores: 12 RAM: 32 GB High Performance Storage (3000 IOPs/TB): 400 GB OS: SUSE	1 No.	12	32	400	SUSE	Talent Pool ABAP - App
New VM - Public IP	SAP APP & Router	vCores: 4 RAM: 36 GB High Performance Storage (3000 IOPs/TB): 500 GB OS: SUSE	1 No.	4	36	500	SUSE	Customer Demo
New VM - Public IP	OpenHR PRD APP	vCores: 12 RAM: 24 GB High Performance Storage (3000 IOPs/TB): 1000 GB OS: WIN	1 No.	12	24	1000	WIN	OneHR
New VM	OpenHR PRD DB	vCores: 4 RAM: 24 GB High Performance Storage (3000 IOPs/TB): 500 GB OS: WIN	1 No.	4	24	500	WIN	OneHR
	A.2	Software Licenses - SPLA model	Unit					
	OS	Latest SUSE Linux Enterprise Server for SAP	3 No.	64	828	7772		
		Windows Server Std 2016/19 (2Cores Pack) with Default 2 RDP Licenses	8 No.					
	Antivirus	Antivirus for windows based VMs	2 No.					
	A.3	Backup Plan (Local D2D Backup)	Unit					
	D2D	Backup Space (with Backup Software)	1 TB.					
	A.4	Network & Connectivity	Unit					
	Network	vFirewall with 1Gbps Throughput (2 IPSec VPN Tunnel & 40 SSL VPN for windows included)	1 No.					
		Unmetered Internet Bandwidth - Speed Based	20 Mbps					
		Public IP's (Static IPv4)	3 No.					
	A.5	Managed Hosting Services	Unit					
	Managed Services	One Time Infrastructure setup as per ESDS' standard SOW	1 Job					
		Operating System Management Services (Win/Linux) as per ESDS' standard SOW	5 Inst.					
		Storage Management Services as per ESDS' standard SOW	1 Job					
		Firewall Management Services as per ESDS' standard SOW	1 Inst.					
		Backup Management Services as per ESDS' standard SOW	1 Job					
		eMagic Basic Infra Monitoring for VMs as per ESDS' standard SOW	6 Inst.					

RACI Matrix

Activity	Client	SAP Partner	ESDS
Infrastructure Setup (Virtual Instance, OS, Firewall etc)	I	C	R/A
SAP Application with HANA/other DB Licenses	R/A	C	I
Operating System Administration along with licenses	I	C	R/A
SAP Application Installation, Configuration, Patch Updation and Management.	C	R/A	I
SAP Application, Database integrity Testing & post installation configuration	C	R/A	I
SAP HANA Installation, Configuration and Management.	C	R/A	I
SAP Sybase/MaxDB/other DB Installation & Management	C	R/A	I
SAP Functional & ABAP Changes	C	R/A	I
SAP Basis Support & HANA/Other DB Administration	C	R/A	I
SAP HANA Local Failover Configuration and Management	C	R/A	I
vFirewall Installation, Configuration and Mgt. at ESDS end	I	C	R/A
Any kind of Migration or data movement	C	R/A	I
Data Integrity testing after restoration or in any scenario	C	R/A	I
DNS Management	R/A	C	I
Advanced monitoring service	C	I	R/A
Upgradation of resources to meet the performance (if required)	R/A	C	I

Annexure - B - SAP Sizing Calculation for Hardware Specifications

Sr#	Server Description	Server Specifications	CPU Cores (No's)	SSD Storage in GB (Including OS)	RAM (GB)	Backup Storage (GB)	IOPS	OS	DB	Backup Policy	Remarks
Talent Pool											
1	Talent Pool Functional Team App & DB	356 GB RAM, 1600 GB SSD & 32 Core CPU	32	4600	712	Not required	3000 IOPS / TB	SUSE	HANA	Daily incremental. 2 Days retention	VM's are there on ESXi cloud. Upgrade VM with additional Storage & RAM
2	Talent Pool ABAP - App	32 GB RAM, 400 GB SSD, 12 Core CPU	12	400	32		3000 IOPS / TB	SUSE	HANA		
SAP Customer Demo											
3	Customer Demo - SAP Application & Router	One Public IP, 4 core CPU, 36 GB RAM & 500 GB SSD Storage	4	500	36	800 GB	3000 IOPS / TB	SUSE Linux	Not Applicable	Daily incremental. Weekly one copy retention.	New requirement to be added along with above servers Sr# 1 & 2
OneHR App											
4	OneHR Production Server Application	One Public IP, 24 GB RAM, 1 TB SSD	12	1000	24		3000 IOPS / TB	Windows	Not required	Daily incremental. Weekly full & weekly retention	New requirement to be added along with above servers Sr.# 1 & 2
5	Production Servers - Database	24 GB RAM, 500 GB SSD	4	500	24		3000 IOPS / TB	Windows	MS SQL Database Server		

Backup policy:

Please sign the duplicate copy of this order in token of acceptance of this Service order

Verified by

Ashok Wani

(Head - Technology & Innovation)