



नेपाल सरकार
स्वास्थ्य तथा खाद्य विचछता मन्त्रालय
राष्ट्रिय आयुर्वेद अनुसन्धान तथा तालिम केन्द्र
कमतिपुर, काठमाडौं, नेपाल
फोन नं. : ०१-४३३६२५४, ४३३४५१५

पत्र संख्या :
चलानी नं. :

मिति: २०८३.०६.०७

पंचकर्म सम्बन्धी उपकरणहरूको दररेट पेश गर्ने सम्बन्धी सूचना ।

यस केन्द्रको चालु आ.व. को स्वीकृत वार्षिक कार्यक्रम अनुसार पंचकर्म उपकरण खरिद सम्बन्धी खरिद कार्य अगाडी बडाउने सन्दर्भमा लागत अनुमान तयार गर्ने प्रयोजनको लागि संलग्न स्पेशिफिकेशन अनुसारको उपकरणहरू के कति दररेटमा उपलब्ध गराउन सकिन्छ मिति २०८३/०६/१५ गते भित्र सो को बजार मूल्य सूचीको Hard copy वा Scan Copy केन्द्रको इमेल nartckirtipur1@gmail.com मार्फत उपलब्ध गराइ दिनु हुन सम्बन्धित सरोकारवालाहरूको जानकारीको लागि यो सूचना प्रकासित गरिएको छ ।

डा. जितेन्द्र कुमार मण्डल
ब.क. शल्य चिकित्सक

Technical Specification of Pipeline Plant installation

Introduction:

Pipeline plant installation is advanced form of Nadi swedan yantra. this project is designed for safty, automation and deliver swedan at least 3-4 patient at a time.

Design and Function:

A. Boiler and Control panel: In this plant, Boiler should keep in a separate room apart from the patient service room in which herbs yabakut is boiled to make therapeutic steam. Boiler automatic function should as below:

1. Auto water filling in the boiler when water level is low, from water pipe and cutoff when it is enough to make steam.
2. Low water cut off: Electric supply of the Heating element must cutoff when water is too low, to prevent heating element from overheat and protect from blast.
3. Electric supply of the Heating element must cutoff when the heat and pressure of the boiler is too high, to protect the boiler from blast due to over pressure.
4. There should be relay on system instantly/soon when the temperature is down from the selected point, so that the heating process should go continuously. should keep around the
5. There should be Timer in control panel to use the boiler for certain period of time, which protect machine from overtime on.
6. There should be manual temperature control system (to keep machine at any degree of temperature). to make the machine in ready position at all the time.
7. Power supply 190-240Volt, Single phase.
8. Boiler should insulated by thermo resistance glass wool, and covered by mirror finishing stainless steel sheet.

B. Steam pipeline:

9. System Steam Pipe should connected to the boiler room(Boiler) to patient service room with needed number of output, (Normally two for sarwang swedan and one for Ekang swedan service) .
10. Pipe should stainless steel pipe (Rusting free), which should insulated all around with minimum 50mm of glass wool and covered by strong and durable, metal should polished properly or cover with rusting free material and it should cosmetically better looks.
11. There should be main steam controlled valve and branches controlled valves for each steam Steam outputs. for ekang swedan output, there should be water drainage system which should either passed out from room or collected in a paatra. There should be water droplet collection system in every ekang swedan spray output to keep room clean.



Handwritten signature and date '10/10'.

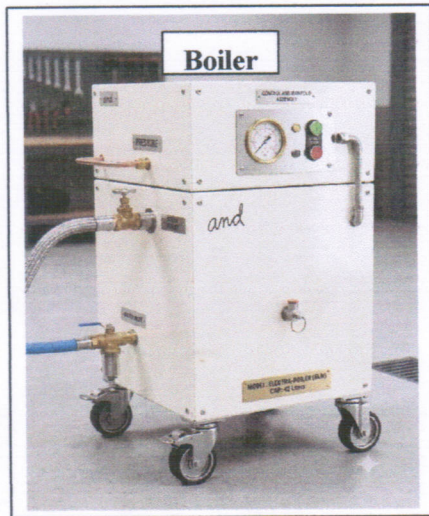
Handwritten signature.

SN	Particulars	Specification	Unit	Rate/Unit	Remarks
1	Boiler with fully Autocontrol System.	Size 12*22" (filling capacity 40 Lit.), Material; Stainless Steel 304 grade. Heating element 6KW, System: fully Autocontrol System. Inc: control panel box.	Set		
2	Steam pipe, pipe with Thermocool, Mechanical works and Required all accessories	Race way of pipe is mild steel/ stainless steel, inside Stainless steel 304 grade of 12 mm diameter pipe is insulated by 50mm Thermocool system (Glass wool), distance 35m.	Set		
3	Electrical line installation	with 4mm heavy copper wire from main switch to the boiler room and required parts Socket switch board and MCB etc distance 30 m.	Set		
4	Plumbing works	Water pipe connection from water source to Boiler.	Set		
5	Drilling, fixing Installation and Testing	Plumbing, Electrician, Drilling, fixing (engineering Installation and Testing. With required accessories)	Set		
6	High low bed	material: Powder coted MS, height adjustment with wired remote control.	pcs		
	Total				
	Vatable Amount				
	vat 13%				
	Grand total				

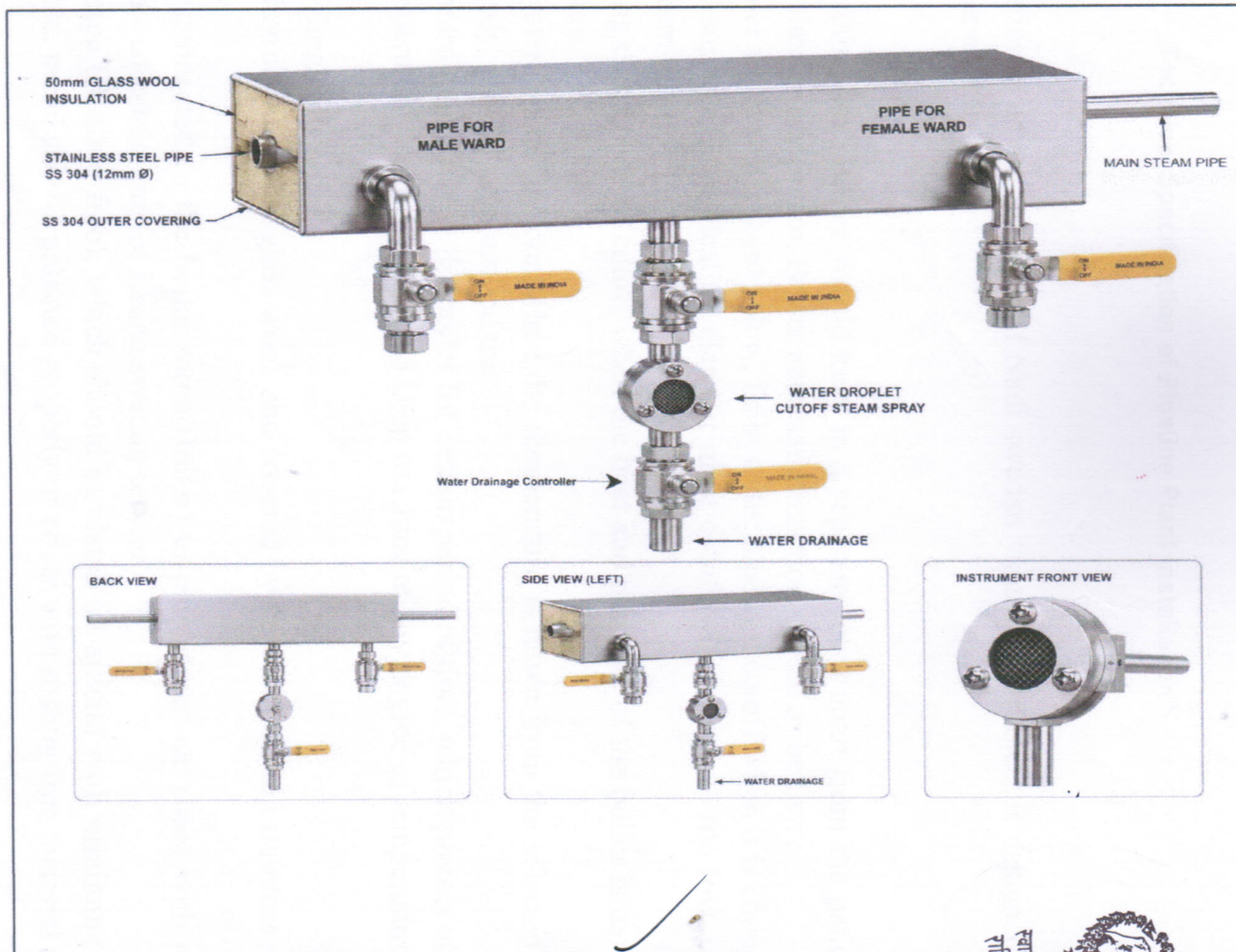


Signature

Signature



Control Panel



Signature

afy:

