

RESOLUTION 17-12

**A RESOLUTION TO AUTHORIZE THE PURCHASE OF HACH CLARIFIER
AND MLSS EQUIPMENT FOR THE WASTEWATER TREATMENT PLANT**

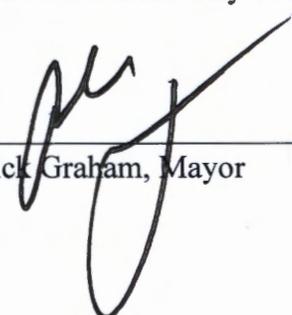
WHEREAS, the Wastewater Treatment Department is in need of equipment to measure level of solids in clarifier; and

WHEREAS, city staff has received a proposal on December 21, 2016; and

WHEREAS, city staff has made a recommendation to the Budget and Finance Advisory Committee.

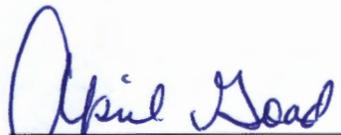
NOW, THEREFORE BE IT RESOLVED, that the City of Spring Hill, Board of Mayor and Aldermen authorizes the purchase of the HACH Clarifier and MLSS equipment in the amount of \$22,468.40.

Passed and adopted by the Board of Mayor and Aldermen of the City of Spring Hill, Tennessee on the 17th day of January 2017.



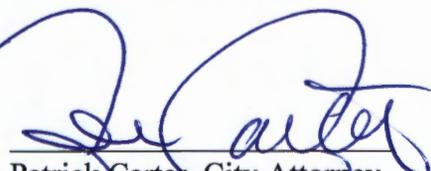
Rick Graham, Mayor

ATTEST:



April Goad, City Recorder

LEGAL FORM APPROVED:



Patrick Carter, City Attorney



REQUEST: *Approval of Resolution*
SUBMITTED BY: Travis Massey, Superintendent WWTP

DATE: January 4, 2017
RE: Hach Clarifier and MLSS equipment
ATTACHMENTS:

PURPOSE:

To purchase Hach equipment to monitor the sludge blanket in the clarifiers

BACKGROUND:

In the winter time the settling at the plant get worse and with the rain fall it increases the flows throughout the plant. We have had 10 feet of solids in the clarifies which are 15 feet deep. The only way to check these currently is to stick them with a sludge jug which measures the depth of solids in them. With this equipment it will be able to monitor the sludge levels and it will be on the SCADA computer. In having this it will give me the ability to change return pumps speeds from home without having to have someone come in or stay late and check levels. This will be a great thing to have year round especially when we are returning too much which means we are just moving water and not solids.

FINANCIAL IMPACT:

The equipment cost with installation and start-up is \$22,468.40

STAFF RECOMMENDATION:

Favorable Recommendation

ACTION REQUIRED (INCLUDE DEADLINE /PRIORITY):

Include a description of action required



Example: This will take 2 readings (months) to adopt. Must be adopted before April 1, 2014 to coincide with enforcement of the 2012 Residential Code.



Quotation

Quote Number: 100176670v9

Use quote number at time of order to ensure that you receive prices quoted

Hach
 PO Box 608
 Loveland, CO 80539-0608
 Phone: (800) 227-4224
 Email: quotes@hach.com
 Website: www.hach.com

Quote Date: 21-Dec-2016

Quote Expiration: 31-Jan-2017

Bill To
 CITY OF SPRING HILL
 ACCTS PAYABLE
 PO BOX 789
 SPRING HILL, TN 37174-0789

Ship To
 WWTP
 3699 JOHN LUNN ROAD
 Spring Hill, TN 37174-2145

Name: Travis Massey
 Phone: 931-384-0631
 Email: tmassey@springhill.org

Customer Account Number : 193186
 Customer Quote Reference: HACH Clarifer and MLSS equipment

Sales Contact: Avi Baskin Email: abaskin@hach.com Phone: 615-854-9512

PRICING QUOTATION

Line	Part Number	Description	Qty	Unit Price	Extended Price
Sludge blanket meter at each Clarifier					
1	5773400	Four SONATAX sc Sludge Level Probe with four pivot mount hardware.	1	12,813.00	11,531.70
2	LXV400.99.1G172	sc1000 Probe Module without power cord for 4 sensors. Contains Prognosys card, 1x 4-20mA output module, and conduits for power connection.	2	2,337.00	4,206.60
3	LXV402.99.00002	db MODULE, DISPLAY W/O GSM, SC1000	1	2,826.00	2,543.40
4	WRTUPGSC1000	Comprehensive warranty upgrade includes: Instrument start-up, all parts, labor, and travel for on-site repairs, 1 on-site factory recommended maintenance (including required parts), unlimited technical support calls, and free firmware updates. On-site response for "down" instrument repairs is typically 3 business days. Standard business hours are 8am-5pm M-F local time, excluding holidays. Please see service terms and conditions for additional details on our service plans, and to ensure you have an opportunity to review our environmental and safety requirements.	1	250.00	237.50
5	WRTUPGSONATAXSC	Comprehensive warranty upgrade includes: Instrument start-up, all parts, labor, and travel for on-site repairs, 1 on-site calibrations per year, factory recommended maintenance (including required parts), unlimited technical support calls, and free firmware updates. On-site response for "down" instrument repairs is typically 3 business days. Standard business hours are 8am-5pm M-F local time, excluding holidays. Please see service terms and conditions for additional details on our service plans, and to ensure you have an opportunity to review our environmental and safety requirements.	4	621.00	2,359.80
6	5796200	Digital Extension Cable, 31m (100ft)	4	360.00	1,296.00
7	LZX958	SUNSHIELD, SC1000	2	163.00	293.40
				Subtotal	\$ 22,468.40

TERMS OF SALE